

BEC

INVESTIGATION WORKPLAN

Prepared for:

Slaughter, Reagan & Cole, L.L.P.

Site Name/Location:

210 W Slauson
Los Angeles, CA 90001

April 29, 2019

Bowyer Environmental Consulting
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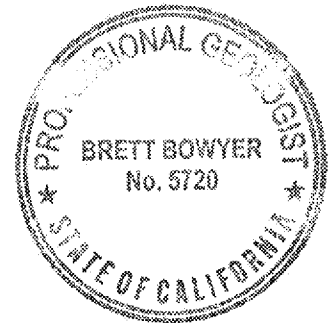
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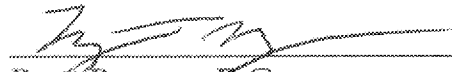
BEC Project No: 580101

April 29, 2019

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1.0 INTRODUCTION

At the request of Michael Lebow, as legal advisor to Edward, Don, Scott and Paul Devore (collectively referred to as the “Devores”), Bowyer Environmental Consulting, Inc. (BEC) has prepared this investigation workplan (Workplan) in association with the hazardous materials (probable gasoline) release that occurred at and near the property owned by the Devores, which is located at 206 and 210 W. Slauson Boulevard in Los Angeles, California (the “Property”). The Property location is shown on Figure 1.

1.1 OBJECTIVES

This work described in this workplan is being done to further evaluate the impacts of the release to soil and soil vapor so that appropriate additional remedial measures can be planned and implemented. The work is being done under the direction of the United States Environmental Protection Agency Emergency Response Program (USEPA-ERP), which is the lead agency in association with the emergency response. In addition, activities are being coordinated with the Los Angeles Area Regional Water Quality Control Board (RWQCB) and other State and local agencies as necessary.

1.2 WORKPLAN ORGANIZATION

This Workplan is organized into the following primary sections:

- Section 1 summarizes the objectives and organizational framework for this Workplan;
- Section 2 provides a summary of the Site setting and summarizes the emergency response activities conducted to date;
- Section 3 describes the scope of the field program;
- Section 4 presents a proposed implementation schedule;
- Section 5 describes the limitations associated with this document; and
- Section 6 presents a list of referenced documents.

The Property consists of approximate 0.24-acres of land located approximately 3 miles south of downtown Los Angeles and 1,000 feet east of the Harbor (110) Freeway. Slauson Avenue is located directly north of the Property, and a seldom used Burlington Northern Santa Fe Railroad right-of-way is located on the north side of Slauson Avenue. Adjacent land west, east and south of the property is used for single and multi-family residential purposes. Our understanding of current nearby property use is depicted on the Figure 2.

Based on available historical aerial photographs a single structure appears to have been present at the Site from before 1924 until the early 1960s. No structures appear to have been present at the Property between the early 1960s and early 2000s. It appears that the open air, roofed workshop present in the southeast corner of the Property was present by the mid-2000s, based on an aerial photograph dated 2005. No other structures appear to have been present at the Site based on available historical aerial photographs and Sanborn Maps. Copies of the available aerial photographs are provided in Appendix A.

Based on available City Directories, the Property has been associated with what appears to be private entities and small businesses since at least 1924. A copy of the City Directory report is provided in Appendix B

Some of the historical uses of interest based on the City Directories and historical aerial photographs have included:

- Venetian Blind Company – 1952;
- Auto Body Repair – 1958;
- Vehicle parking – Early 1960s until 2007;
- NY Iron Works – 2010; and
- SNA Recycling – 2014.

The current lease at 210 W. Slauson Parcel A (which is shown as 210 Slauson on Figure 2) is held by Karlen Galstyan (Doing Business as KG Road Services). The current lease at 210 W. Slauson Parcel B (which is

shown as 206 Slauson on Figure 2) is held by Byung Chun Choung. Copies of the current leases are provided in Appendix C.

2.1 GEOLOGY/HYDROGEOLOGY

The site is situated within the Coastal Plain of the Los Angeles Basin. The Los Angeles Basin is bounded by the Santa Ana Mountains to the east, the Santa Monica Mountains and Puente Hills to the north, and the Pacific Ocean to west and south. The site vicinity is underlain (at depth) by the Lakewood Formation. This formation is comprised of marine and continental sedimentary deposits that are overlain by Pleistocene and Recent Age alluvium. According to available regional hydrogeologic reports (California Department of Water Resources, June 1961), the top of the Exposition Aquifer is at a depth of approximately 50 feet below ground surface (bgs).

Based on an investigation performed at a former Shell service station located approximately 350 feet west of the Property (306 W. Slauson Avenue), as of 2015 the depth to water in the area was approximately 105 feet and groundwater flowed towards the north. The information from this nearby recent investigation is believed to be representative of current conditions at the Site.

2.2 DESCRIPTION OF RELEASE AND PREVIOUS EMERGENCY RESPONSE ACTIVITIES

According to available media reports, the Los Angeles City Fire Department (LAFD) responded to a call that reported the smell of gas near the Property at approximately 7:45 AM in the morning of March 17th, 2019. According to an investigation performed by the LAFD sparks from a rotary saw that an LAFD firefighter used to cut the lock at the Property caused vapors to ignite from a potentially leaking 9,000-gallon gasoline tanker. The subsequent fire damaged the original tanker, two trailers and a tracker that were parked on the Site. A neighboring residential home located due west of the Property (216 W. Slauson) caught fire and was allegedly also damaged. News reports contend that fumes in the storm drain also ignited and caused one manhole cover to fly into the air. Two family members (A mother and her daughter) are claiming injuries related to the flames that came out of the sewer opening.

The Devores had no prior knowledge of the presence of the gasoline tanker. The property was leased at the time to Karlen Galstyan (Doing Business as KG Road Services). According to the lease, the property is to be used for truck and vehicle storage and no other use. In addition, the lease states “Under no circumstances shall lessee store any toxic chemical on the Premises.” A copy of the lease is provided at Appendix C.

The City contacted Clean Harbors to assist in the emergency response activities. Clean Harbors was on the property to assist in the cleanup and containerization of the waste once the fire was put out. Figure 3 shows the approximate location of vehicles on the Property prior to the fire and release. In addition, a series of pictures that were taken by Clean Harbors personnel are provided in Appendix D.

Based on information obtained from Clean Harbors personnel the product from the container and fire suppressant water flowed from the tanker to the southeast across the existing asphalt and onto bare soil along the eastern boundary of the property adjacent property (216 Slauson). Clean Harbors vacuumed up approximately 1,600 gallons of liquid from the Site and containerized it in a Baker Tank on Site. In addition, Clean Harbors applied absorbent material to the ground to collect additional free liquids. The absorbent material was then collected along with miscellaneous debris and placed into eight 55-gallon drums and one 20 cubic yard bin. In addition, approximately 20 gallons of hydraulic fluid was drained from the tractor trailer and placed into a 55-gallon drum. Clean Harbors decontaminated off-site storm drains and set up sand bag barriers to limit the flow of released material during future storm events. Clean Harbors also placed visqueen plastic over the eastern portion of the property at 216 Slauson to cover the area where the product had migrated onto bare soil.

2.3 WASTE CHARACTERIZATION

The solid and liquid materials generated during the initial emergency response actions were sampled on April 18, April 19 and April 24, 2019. Five discrete samples (SW-B-1 through SW-B-5) were collected from the 20 cubic yard bin, and five discrete samples were collected from the drums (SW-D-1 through SW-D-5). Each of these samples were preserved in the field using TerraCore® samplers and placed in laboratory-prepared Volatile Organic Analysis (VOA) vials provided by the analytical laboratory per USEPA Method 5035A. The discrete preserved samples were analyzed for volatile organic compounds (VOCs) per USEPA Method 8260B and gasoline-range organics (GRO) by USEPA Method

8015, modified. Composite samples were also collected from the 20 cubic yard bin (SW-B-COMP) and from the drums (SW-D-COMP). These composite samples were analyzed diesel-range organic (DRO) and motor oil-range organics (ORO) by USEPA Method 8015, modified, for California Administration Manual (CAM) metals by USEPA Methods 6010B and 7471A, for polychlorinated hydrocarbons (PCBs) by USEPA Method 8082 and for ignitability by USEPA Method 1030.

Samples of containerized water were also analyzed for VOCs, GRO, DRO, ORO, CAM metals and PCBs by the above-stated methods. A sample of a light nonaqueous phase liquid (LNAPL) found to be present within the Baker tank was also analyzed for GRO, DRO and ORO by the above-stated methods. Samples of the water and LNAPL were also tested for flash point by USEPA Method 1020A.

The results of the analyses of the solid materials is summarized on Tables 1 and 2. The results of the water sample are summarized on Table 3. Reports generated by the analytical laboratory are provided in Appendix E.

As shown on Table 2, several VOCs were present in the containerized solid material at high concentrations, including:

- Benzene at up to 14,000 ug/kg;
- Toluene at up to 600,000 ug/kg;
- Ethylbenzene at up to 230,000 ug/kg;
- Total xylenes at up to 2,560,000 ug/kg;
- 1,2,4-Trimethylbenzene at up to 2,200,000 microgram per kilogram (ug/kg);
- 1,3,5-Trimethylbenzene at up to 580,000 ug/kg;
- 4-Isopropyltoluene at up to 12,000 ug/kg;
- Isopropylbenzene at up to 34,000 ug/kg;
- Naphthalene at up to 410,000 ug/kg;
- n-Butylbenzene at up to 74,000 ug/kg;

- n-Propylbenzene at up to 180,000 ug/kg; and
- sec-Butylbenzene at up to 21,000 ug/kg.

No chlorinated VOCs were observed in the solid material. In addition, metals and PCBs were either not detected or were present at low concentrations.

GRO (up to 14,000 milligrams per kilogram – mg/kg), DRO (up to 33,000 mg/kg) and ORO (up to 35,000 mg/kg) were all reported to be present in the solid samples. The laboratory compared the chromatographs produced in the analysis against gasoline, diesel and motor oil standards. The chromatographs include signatures that match the gasoline and diesel standard. Other high carbon chain compounds also appear to be present, although they do not appear to be motor oil, as the chromatographs did not match the motor oil range standard. Copies of the comparisons of the chromatographs to the laboratory standards are provided in Appendix F.

As shown on Table 3, VOCs present in the containerized liquid were almost identical to those reported to be present in containerized solids, including:

- Benzene at 26,000 microgram per liter (ug/l);
- Toluene 130,000 ug/l;
- Ethylbenzene at up to 20,000 ug/l;
- Total xylenes at 121,000 ug/l;
- 1,2,4-Trimethylbenzene at 35,000 ug/l;
- 1,3,5-Trimethylbenzene at 9,400 ug/l;
- Bromomethane at 290 ug/l;
- 4-Isopropyltoluene at 270 ug/l;
- Isopropylbenzene at 1,300 ug/l;
- Naphthalene at 3,300 ug/l;
- n-Butylbenzene at 1,400 ug/l;

- n-Propylbenzene at 5,600 ug/l; and
- sec-Butylbenzene at 440 ug/l.

No chlorinated VOCs were observed in the containerized liquids. In addition, metals and PCBs were either not detected or were present at low concentrations.

GRO, DRO and ORO were reported at 970, 450 and 12 milligrams per liter (mg/l), respectively, within the containerized water sample. GRO, DRO and ORO were reported at 1,000,000 mg/kg, 190,000 mg/kg and 2,900 mg/kg, respectively, within the containerized LNAPL sample. The laboratory compared the chromatographs produced in the water and LNAPL analysis against gasoline, diesel and oil standards. The chromatographs were consistent with the gasoline standard in all, but one did not match the diesel or oil standards. The one exception is that some of the peaks in the chromatograph for the LNAPL sample matched a motor oil standard. Also, the laboratory reported that some of the heavier end peaks from gasoline elute within the DRO range (C10 to C28). As such, the laboratory is reporting that most of the value reported as DRO in the LNAPL sample (190,000 mg/kg) is actually associated with gasoline. Copies of the comparisons of the chromatographs to the laboratory standards are provided in Appendix F.

Based on these analyses it appears that the containerized material has been primarily impacted by gasoline. There also appears to be a minor amount of diesel and motor oil range organics, which may be related to releases from the engines of vehicles that were damaged during the fire. Other than VOCs that are typically related to petroleum hydrocarbons, no other compounds were present at levels of concern within the containerized samples.

The solid materials from the drums and 20 cubic yard bin were tested for ignitability and the water and LNAPL was tested for flash point. The solids were determined to not be ignitable. The water sample was found to be ignitable at 175° degrees Fahrenheit, which does not exceed the hazardous waste standard for a liquid, which is 140° degrees Fahrenheit. The LNAPL was found to be ignitable at 48° degrees Fahrenheit, which does exceed the hazardous waste standard.

Benzene, a typical component of gasoline, was present in the solid materials at levels that exceed twenty times the Toxicity Characterization Leaching Potential (TCLP) and it was present in the water sample at a

concentration (26,000 mg/l) which exceeds the TCLP (0.5 mg/l). Based on these results the solids in the drums and 20 cubic yard bin were considered a RCRA hazardous waste based on the benzene concentrations. The liquids were considered a RCRA based on both the ignitability of the LNAPL and the benzene concentrations. Arrangements are currently being made to dispose of the containerized material in the near future.

3.0 SCOPE OF WORK

The work described in this section is being recommended in order to define the extent of gasoline and other petroleum hydrocarbon impacts to soil and soil gas due to the recent release of gasoline, associated fire and follow up emergency response activities. This recommended work will consist of the following tasks:

- Drill and sample sixteen (16) soil borings (S-1 through S-9 and SV-1 through SV-7) and collect/analyze soil from 0.5, 2.5 and 5.0 feet bgs;
- Extend seven (7) of the sixteen (16) soil borings (SV-1 through SV-7) to deeper depths and collect/analyze soil from 10.0 and 15.0 feet bgs: and
- Install, sample and analyze soil vapor probes at seven (7) locations (SV-1 through SV-7) at depths of 5.0 and 15.0 feet bgs.

The recommended sampling locations are shown on Figure 4. The following sections described the scope and methods that are to be implemented.

3.1 PRE-FIELD PREPARATION

Prior to implementing field work, public underground utilities will be notified through the Underground Service Alert of Southern California (DigAlert) program. In addition, a site-specific Health and Safety Plan (HASP) will be prepared. The HASP will describe measures to be taken to perform the work in a safe manner. Among other things the HASP will specify personal protective equipment (PPE), air monitoring procedures and actions to be taken in case of emergency. At this point, it is assumed that the work will be completed using Occupational Safety and Health Administration (OSHA) Level D PPE, however, this will be confirmed via monitoring prior to and during the work activities.

3.2 DRILLING AND SOIL SAMPLING

A total of seventeen (16) locations will be advanced using a combination hand auger and direct-push sampling techniques. Prior to drilling

activities, existing concrete or asphalt will be removed from each location, as necessary. Drilling equipment will be cleaned using an Alconox® detergent wash and potable water rinse prior to commencement of the project and between collection of each sample. All sampling will be performed by a BEC geologist under the supervision of a California-licensed Professional Geologist.

Soil samples will be collected in metal sleeves and /or acetate liners. Soil samples will be utilized to document lithology, color, and relative moisture content. The soil lithology will be logged using the Unified Soil Classification System and ASTM-D2488. In addition, the soil samples will be field screened using a PID calibrated to isobutylene to detect the presence of VOCs.

Upon completion of the field screening, selected soil samples will be collected for analytical testing. In accordance with the sampling methodology detailed in U.S. Environmental Protection Agency (EPA) Method 5035, soil samples will be collected using TerraCore® samplers and placed in laboratory-prepared VOA vials; soil samples will also be collected in glass jars. The samples will be placed on ice in a cooler, and along with the corresponding chain of custody forms, samples will be relinquished to a California-certified laboratory for analysis.

3.3 ANALYTICAL TESTING AND DETECTION LIMITS OF SOIL SAMPLES

Soil samples will be analyzed for VOCs by USEPA Method 8260B, and for GOI, DRO and ORO by USEPA Method 8015, modified. For samples that have relatively low concentrations (and do not need to be diluted), target detection limits have been established at levels that do not exceed conservative screening criteria, such as San Francisco Regional, Regional Water Quality Control Board, Environmental Screening Levels (ESLs). For instance, the low-end target detection limit for benzene will be 5 ug/kg, and the low-end target detection limit for GRO will be below 1 mg/kg. A copy of the target reporting limits for the selected analytical laboratory for the vapor testing (Asset Analytical Laboratory) is provided in Appendix G.

3.4 SOIL VAPOR WELL INSTALLATION AND SAMPLING

Immediately following soil sampling activities, seven (7) soil borings (SV-1 through SV-7) will be converted to soil vapor wells with soil vapor

probes will be placed at depths of approximately 5.0 and 15 feet bgs. The soil vapor probes will be installed in accordance with the Soil Gas Advisory (California Environmental Protection Agency, 2015). Each soil vapor probe will consist of the following components:

- A 6-inch stainless steel soil vapor probe placed at the midpoint of a one-foot sand pack at approximately 5.0 and 15 feet bgs;
- A 1/4-inch Nylaflo sampling tube connected to the vapor probe;
- Dry granular bentonite on top of the sand pack interval to at least six inches above the sand pack;
- Neat cement grout above the dry granular bentonite to near surface grade to ensure proper sealing; and
- An in-line check valve fitted to the up-hole end of the tubing to prevent ambient air from infiltrating the probe installation.

Following probe emplacement, and following an equilibration period of at least 48 hours, soil vapor sampling will be conducted. Soil vapor samples will be collected and analyzed at an on-Site mobile laboratory by Jones Environmental, Inc. Sampling will proceed in compliance with the Advisory for Active Soil Gas Investigations (California EPA, July 2015).

Prior to purging and sampling of soil gas at each point, a shut-in test will be conducted to check for leaks in the above-ground fittings. The shut-in test will be performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. Soil gas samples will then be collected in gas-tight 125 cubic centimeter (cc) glass syringes, after the appropriate volume will be purged from each sampling line. Purging and sampling activities will be performed at a flow rate of 200 cc/min, to limit stripping of chemical compounds and to reduce the variability in sampling rates. A default of three purge volumes will be selected for the Site as recommended by soil vapor guidance documents (California EPA, July 2015). Additionally, a leak test will be performed using a mixture of n-pentane, n-hexane, and n-heptane to verify that ambient air was not diluting or contaminating the sample. Once the sample is drawn, the glass syringe will be immediately labelled and transferred to the on-Site mobile laboratory.

3.5 *ANALYTICAL TESTING AND DETECTION LIMITS OF VAPOR SAMPLES*

Each of the vapor samples delivered to the on-site mobile laboratory will be tested for VOCs by USEPA Method 8260B and GRO by USEPA 8015, modified. For samples that have relatively low concentrations (and do not need to be diluted), target detection limits for compounds of interest will not exceed conservative screening criteria, such as San Francisco Regional, Regional Water Quality Control Board, Environmental Screening Levels (ESLs). For instance, the low-end target detection limit for benzene will be below 2.0 micrograms per cubic meter (ug/m³). A copy of the target reporting limits for the selected analytical laboratory for the vapor testing (Jones Analytical Laboratories) is provided in Appendix G.

3.6 *QUALITY ASSURANCE/QUALITY CONTROL*

Replace samples of soil and soil vapor will be collected and analyzed during this program. The replicates will be sampled and analyzed at a rate of at least 10% of the total samples population. A total of sixty-two (62) soil samples are targeted to be collected and analyzed during this program, and as such seven (7) replicate soil samples will also be collected and analyzed. In addition, a total of fourteen (14) soil vapor samples are targeted to be collected and analyzed during this program, and as such two (2) replicate soil samples will also be collected and analyzed. The replicate sample will be analyzed for VOCs by EPA Method 8260B using similar procedures to the regular samples.

3.7 *INVESTIGATION DERIVED WASTE*

All investigation-derived waste (IDW) will be collected and stored on Site in appropriately labelled 55-gallon Department of Transportation-approved drums. Pending analytical results, the IDW will be disposed offsite under the appropriate State and Federal regulations at a later date.

3.8 *REPORTING*

A report will be prepared documenting the results of the soil and soil vapor confirmation sampling efforts. The report will include copies of all soil boring logs and analytical reports as appendices. The analytical data will be tabulated, and the results compared to conservative screening

criteria. Figures will be prepared that document the sampling locations and results, as appropriate. The report will make conclusions regarding the extent of contamination and the presence and significance of any data gaps. In addition, the repo will make recommendations regarding medial action designed to address the identified impacts.

4.0

IMPLEMENTATION SCHEDULE

It is assumed that the USEPA and RWQCB will approve this workplan within one week. The work described has been tentatively scheduled to take place during the week beginning on May 6th, 2019. It is assumed that the drilling and vapor probe installation effort will be completed by May 10 and that vapor sampling will be done on May 13th. All analytical results will be rushed so that final results will be available by May 17th. The final report will be prepared and submitted for review by May 24th, 2019.

This Workplan was based partially on information supplied to BEC from outside sources and other information that is in the public domain. Documentation for the statements made in this Workplan is on file at BEC's offices in Long Beach, California, or available on the SWRCB's GeoTracker website at <http://geotracker.waterboards.ca.gov>. BEC makes no warranty as to the accuracy of statements made by others that may be contained in the Workplan, nor are any other warranties or guarantees, expressed or implied, included or intended by the Workplan, except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for this Workplan are subject to professional interpretation, differing conclusions could be reached. BEC does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of the client's obligation under local, state, or federal laws or any modifications or changes to such laws. It must be recognized that environmental investigations are inherently limited in the sense that conclusions are drawn, and recommendations developed from information obtained from limited research and Site investigation. All Site subsurface conditions were not field investigated as part of the services described in this Workplan. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. This Workplan does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not addressed in this Workplan. This Workplan is for the exclusive use of Devores. No other party shall have any right to use or rely on this Workplan or any related Workplan-related service provided by BEC without the prior written authorization of BEC. Any authorized third-party use of this Workplan shall be: subject to the terms and conditions governing the work in the Agreement between Devores and BEC; limited by the exceptions and limitations in this Workplan; and with the acknowledgment that actual Site conditions may change with time, and that hidden conditions may exist at the Site that were not discoverable within the client-authorized scope of the preparation of the Workplan. Any unauthorized release or misuse of this Workplan shall be without risk or liability to BEC. None of the work performed hereunder shall constitute or be represented as a legal opinion

of any kind or nature but may be considered a representation of findings based on the cited documents and information.

California Department of Water Resources, 1961. *Bulletin No. 104 – Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County*, June.

California Environmental Protection Agency, Department of Toxic Substances Control, Los Angeles Regional Water Quality Control Board, and San Francisco Regional Water Quality Control Board, 2012. *Advisory Active Soil Gas Investigation*, April.

Wayne Perry, Ince, 2016. *Groundwater Monitoring Status Report – Fourth Quarter 2015 – Former Shell Service Station – 306 W. Slauson Avenue*, January 12.

Figures

Tables

Appendix A

Historical Aerial Photographs

210 W. Slauson

210 W. Slauson

Los Angeles, CA 90003

Inquiry Number: 5626733.11

April 19, 2019

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.ednet.com

EDR Aerial Photo Decade Package

04/19/19

Site Name:

210 W. Slauson
210 W. Slauson
Los Angeles, CA 90003
EDR Inquiry # 5626733.11

Client Name:

Bowyer Environmental Consulting Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA 92647
Contact: Alan Malagon



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 10, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1981	1"=500'	Flight Date: February 21, 1981	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: May 29, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: November 24, 1972	EDR Proprietary Brewster Pacific
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: April 12, 1952	USDA
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

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INQUIRY #: 5626733.11

YEAR: 2016

— = 500'





INQUIRY #: 5626733.11

YEAR: 2012

— = 500'





INQUIRY #: 5626733.11

YEAR: 2009

— = 500'





INQUIRY #: 5626733.11

YEAR: 2005

— = 500'





INQUIRY #: 5626733.11

YEAR: 2002

— = 500'





INQUIRY #: 5626733.11

YEAR: 1994

— = 500'



EDR



INQUIRY #: 5626733.11

YEAR: 1989

— = 500'







INQUIRY #: 5626733.11

YEAR: 1977

— = 500'





INQUIRY #: 5626733.11

YEAR: 1972

— = 500'





INQUIRY #: 5626733.11

YEAR: 1963

— = 500'





INQUIRY #: 5626733.11

YEAR: 1952

— = 500'



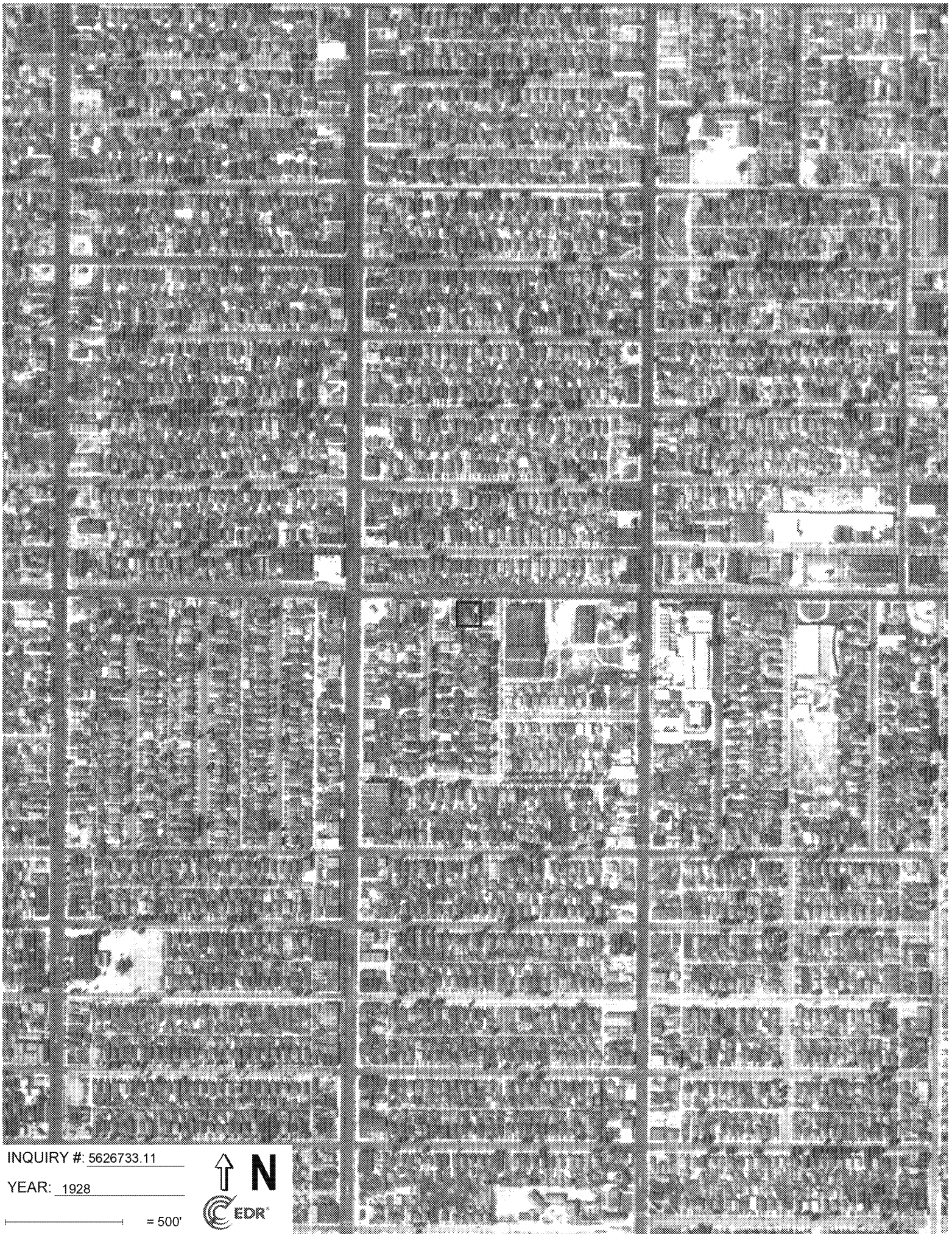


INQUIRY #: 5626733.11

YEAR: 1938

— = 500'





INQUIRY #: 5626733.11

YEAR: 1928

— = 500'





INQUIRY #: 5626733.11

YEAR: 1923

— = 500'



Appendix B
City Directories

210 W. Slauson

210 W. Slauson
Los Angeles, CA 90003

Inquiry Number: 5626733.5
April 19, 2019

The EDR-City Directory Abstract



6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2006	Haines Company, Inc	-	X	X	-
	Haines Company, Inc	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1995	Pacific Bell	-	-	-	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	X	X	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1958	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
	Pacific Telephone & Telegraph Co.	X	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
216 W. Slauson Ave	Client Entered	X
200 W. Slauson Ave	Client Entered	X
222 W. Slauson Ave	Client Entered	X
5830 Brentwood St	Client Entered	X
5834 Brentwood St	Client Entered	X
5833 Inskeep Ave	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

210 W. Slauson
Los Angeles, CA 90003

FINDINGS DETAIL

Target Property research detail.

SLAUSON AVE W

210 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Burke Venetian Blind Co	Pacific Telephone & Telegraph Co.

W Slauson Ave

210 W Slauson Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SBA RECYCLING	EDR Digital Archive
2010	NY IRON WORK	EDR Digital Archive

W SLAUSON AVE

210 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHOUNGBYUNG	Haines Company, Inc
1990	DUNCAN J C	Pacific Bell
1958	Bernies Auto Body Repair	Pacific Telephone
1942	Edwards Alven L printer	Los Angeles Directory Co.
	EDWARDS Norman L Edith S plmbr	Los Angeles Directory Co.
	SIMPSON Laura E sten CBRW & L	Los Angeles Directory Co.
1937	EDWARDS Norman L Edith plmbr	Los Angeles Directory Co.
1933	EDWARDS Lloyd S drftsmn	Los Angeles Directory Co.
	EDWARDS Norman L Edith S plmbr	Los Angeles Directory Co.
1929	EDWARDS Norman L Edith plmbr	Los Angeles Directory Co.
1924	EDWARDS Norman L plumber h	Los Angeles Directory Co.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

58TH ST W

202 58TH ST W

Year Uses

1951 W 58th Fareira Minnie B Mrs

Source

Pacific Telephone & Telegraph Co.

203 58TH ST W

Year Uses

1951 W 58th Mohr Geo r

Source

Pacific Telephone & Telegraph Co.

206 58TH ST W

Year Uses

1951 W 58th Rettig A G Mrs r

Source

Pacific Telephone & Telegraph Co.

207 58TH ST W

Year Uses

1951 W 58th Williams Vanderbilt r

Source

Pacific Telephone & Telegraph Co.

210 58TH ST W

Year Uses

1951 W 58th Wolfe E A Mrs r

Source

Pacific Telephone & Telegraph Co.

214 58TH ST W

Year Uses

1951 W 58th Backman Foster Jr r

Source

Pacific Telephone & Telegraph Co.

215 58TH ST W

Year Uses

1951 W 58th Dantzler Grace E

Source

Pacific Telephone & Telegraph Co.

219 58TH ST W

Year Uses

1951 W 58th Currie Archie

Source

Pacific Telephone & Telegraph Co.

222 58TH ST W

Year Uses

1951 W 58th Larios Alfredo r

Source

Pacific Telephone & Telegraph Co.

FINDINGS

223 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Lukacs Jos S r	Pacific Telephone & Telegraph Co.

226 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Lankford H B Jr r	Pacific Telephone & Telegraph Co.

227 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Lang Manuel r	Pacific Telephone & Telegraph Co.

228 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th McCrory Lela Lee r	Pacific Telephone & Telegraph Co.

230 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Bush Elizabeth S Mrs r	Pacific Telephone & Telegraph Co.

234 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Perez Edw D r	Pacific Telephone & Telegraph Co.

235 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Murillo Ruben G r	Pacific Telephone & Telegraph Co.

238 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Lally Lydia A r	Pacific Telephone & Telegraph Co.

239 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Le Van Maud M r	Pacific Telephone & Telegraph Co.

242 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Suchil Martin A r	Pacific Telephone & Telegraph Co.
	W 58th Nicolaides Nick r	Pacific Telephone & Telegraph Co.

FINDINGS

243 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Lips Kathryn Mrs r	Pacific Telephone & Telegraph Co.

252 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th De Contreras Albert M r	Pacific Telephone & Telegraph Co.

257 58TH ST W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W 58th Patricia Apts	Pacific Telephone & Telegraph Co.

BRENTWOOD

5835 BRENTWOOD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GREATER NEW CANAAN CHURCH OF GOD IN CHRIST	Pacific Bell
1986	GREATER NEW CANAAN CHURCH OF GOD IN CHRIST	Pacific Bell
1981	GREATER NEW CANAAN CHURCH OF GOD IN CHRIST	Pacific Telephone
1967	Greater New Canaan Church of God In Christ	Pacific Telephone
1962	Greater New Canaan Church of God In Christ	Pacific Telephone
1942	Connally Sarah E sten USI & NS	Los Angeles Directory Co.
	Connally Sadie R wid E G tchr	Los Angeles Directory Co.
1937	CONNALLY Sarah E sten Pac States Sav & Loan Co	Los Angeles Directory Co.
	CONNALLY Sadie R wid Edmund	Los Angeles Directory Co.
1933	CONNOLLY Mary Mrs	Los Angeles Directory Co.
	CONNELLY Sarah E clk	Los Angeles Directory Co.
1929	CONNALLY Sadie R Mrs	Los Angeles Directory Co.

5840 BRENTWOOD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	EDWARDS JESSICA L	Pacific Telephone
1942	Nordwall Oscar A Gertrude F	Los Angeles Directory Co.
1937	LARSON David chauf	Los Angeles Directory Co.
	Nordwall Oscar A Gertrude window trmr	Los Angeles Directory Co.
1929	RICHARDSON Wallace h	Los Angeles Directory Co.
	Schulz Evelyn bkpr Westn Whol Drug Co r	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Hagan Eirdal D Mrs h	Los Angeles Directory Co.
	Hagan Francis W clk Bureau Water Works & Supply h	Los Angeles Directory Co.
	Hagan Thos W clk r	Los Angeles Directory Co.
	JONES Ames R dep sheriff L A County r	Los Angeles Directory Co.

Brentwood St

5830 Brentwood St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HARRIS William	Haines Company, Inc
2000	HARRIS William	Haines & Company
1976	De Sues Della Mrs	Pacific Telephone
1958	De Sues Della Mrs	Pacific Telephone
1951	Brentwd De Sues Della Mrs r	Pacific Telephone & Telegraph Co.

5834 Brentwood St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	WILLIAMS & JARMON INC	EDR Digital Archive
2010	WILLIAMS & JARMON INC	EDR Digital Archive
2006	No Current Listing	Haines Company, Inc
2000	KIRKLAND Cornell	Haines & Company
	RODRIGUEZ Jose Luis	Haines & Company
1976	Smith Mattie E	Pacific Telephone
1958	Abeyta Santiago	Pacific Telephone

5835 Brentwood St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GREATER NEW CANAAN CHURCH	EDR Digital Archive
2010	GREATER NEW CANAAN CHURCH	EDR Digital Archive

BRENTWOOD ST

5835 BRENTWOOD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GREATERNEW	Haines Company, Inc
	CANAAN CH OF GOD	Haines Company, Inc
2000	GREATER NEW CANAAN CH OF GOD	Haines & Company
1976	Greater New Canaan Church Of God In Christ	Pacific Telephone

FINDINGS

5836 BRENTWOOD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Abeyta Marcelina	Pacific Telephone
	Manley Robt E	Pacific Telephone
1951	Brentwd Jatho J Harvey r	Pacific Telephone & Telegraph Co.

5838 BRENTWOOD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

5840 BRENTWOOD ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2000	GIBSON Ethel	Haines & Company
1976	Edwards Jessical	Pacific Telephone
1958	Tilt Lloyd I	Pacific Telephone
	Longhurst Rosa Mrs	Pacific Telephone

Brentwood St

5844 Brentwood St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	DIAMANTE BARBER SHOP INC	EDR Digital Archive
	DIAMANTE BARBER SHOP INC	EDR Digital Archive

INSKEEP AVE

5827 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Sergio	Haines Company, Inc
	TRUJILLOORTIZ	Haines Company, Inc
1990	HURTADO EVERARDA	Pacific Bell
1933	FITZPATRICK Ola wid B A	Los Angeles Directory Co.

Inskeep Ave

5833 Inskeep Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a BLAND Katrona +E	Haines Company, Inc
2000	WALKER Randy	Haines & Company
1981	BULLARD BENNIE R	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Inskeep Av Daniels Lovie r	Pacific Telephone & Telegraph Co.

INSKEEP AVE

5835 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company
1981	PHILLIPS RUTH	Pacific Telephone
1976	Moore Sally	Pacific Telephone
1951	Inskeep Av Glover Ernest r	Pacific Telephone & Telegraph Co.
1942	STONE Raymond F Myrtle M driver	Los Angeles Directory Co.
1937	Stautz Herb N jr toolkpr Bd of Educ	Los Angeles Directory Co.
	Stautz Mabel Mrs tel opr	Los Angeles Directory Co.
1933	Minor Beth wid E C	Los Angeles Directory Co.
	NELSON Elmer Viola mach	Los Angeles Directory Co.

5838 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Mc CULLOUGH Chas B shtmtlwkr h	Los Angeles Directory Co.

5839 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a BROWN Fannie	Haines Company, Inc
	POPOCA Esmeralda	Haines Company, Inc
	RAMIREZ Dora	Haines Company, Inc
2000	BROWN Fannie	Haines & Company
1990	WILBERT CORA LEE	Pacific Bell
1986	WILBERT CORA LEE	Pacific Bell
1981	WILBERT CORA LEE	Pacific Telephone
1976	Mc Junkins Mittie Ann	Pacific Telephone
1951	Inskeep Av Renesford N r	Pacific Telephone & Telegraph Co.
	Inskeep Av Guy Betty Lou r	Pacific Telephone & Telegraph Co.
1942	Collier Alice L wid J W	Los Angeles Directory Co.
	DOWNS Beulah J candy pkr	Los Angeles Directory Co.
	Renesford Neil A wid R G	Los Angeles Directory Co.
	RICHARDS Wm H lone mech	Los Angeles Directory Co.
	Stiffler John W Samantha A	Los Angeles Directory Co.
1937	DOWNES Beulah	Los Angeles Directory Co.
	RICHARDS Wm lone auto mech	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	Downs Annie C wid Cornelius	Los Angeles Directory Co.
	Downs Beulah J candymkr	Los Angeles Directory Co.
	Reneasford Nellie A tel opr	Los Angeles Directory Co.
	Reneasford R G chauf	Los Angeles Directory Co.
	RICHARDS Ione clk City Bd of Educ	Los Angeles Directory Co.
	RICHARDS Wm Ione auto mech	Los Angeles Directory Co.
	Rinesford Robt G truck driver	Los Angeles Directory Co.
1929	Downs Annie C Mrs	Los Angeles Directory Co.
	Renesford Nellie r	Los Angeles Directory Co.
	RICHARDS Wm H Ione auto mech r	Los Angeles Directory Co.
1924	Nevanhisen Iana insp r	Los Angeles Directory Co.
	Nevanhisen Wayne dftsmn h	Los Angeles Directory Co.
	Stiffler John W bldg contr h	Los Angeles Directory Co.

5840 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1981	PRECISION WOODWORKING	Pacific Telephone
1976	Hardiman Marsha	Pacific Telephone

5844 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	BROWN Lawrenice W aircraft mfr	Los Angeles Directory Co.

5845 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RADFORD Otis	Haines & Company
1942	JACKSON Wm M Elsie L	Los Angeles Directory Co.
1933	Fleischer Eleanor clk	Los Angeles Directory Co.
	Fleischer Ernest Evalyn mach	Los Angeles Directory Co.
	FLETCHER Elynors V clk	Los Angeles Directory Co.
1929	Fournier Angela clk	Los Angeles Directory Co.
	Fournier Esperanza clk	Los Angeles Directory Co.
	Fournier Hector mech	Los Angeles Directory Co.
	Fournier Mary L Mrs	Los Angeles Directory Co.
1924	Bilkiss Isaac J tailor h	Los Angeles Directory Co.
	Bilkiss L clk r	Los Angeles Directory Co.

FINDINGS

5847 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JENKINS Ida Mae	Haines & Company
1981	MOORE G E	Pacific Telephone
1962	Brannon Dorothy	Pacific Telephone
1958	Brannon Dorothy	Pacific Telephone
1951	Inskeep Av Brannon Dorothy r	Pacific Telephone & Telegraph Co.
1942	Sugden Floyd W Alice E br mgr Safeway	Los Angeles Directory Co.
1937	Boncheff John welder	Los Angeles Directory Co.
1933	Angerman Harold Esther electn	Los Angeles Directory Co.
1929	Fleischer Ernest Evelyn mach	Los Angeles Directory Co.
1924	Fleischer Ernest mach h	Los Angeles Directory Co.

5849 INSKEEP AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CARTER Clara	Haines Company, Inc
2000	CARTER Clara	Haines & Company

SLAUSON AVE W

164 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GALOS PIANOS	Haines & Company
	JACYRAS DESIGNS 323 2a	Haines & Company
	M & B WHSL FOOD INC	Haines & Company
	SUSAN FASHION 323 231 f	Haines & Company
	POLINA KAY INC	Haines & Company
	ROGERSWEAR SUPERSIZE CLOTHING 333 2 M 7 S	Haines & Company
	SARAS SMILE 323 23 W 14 I STEVES DE	Haines & Company
	NAJWA FASHION	Haines & Company

200 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LARA Juanita	Haines & Company
	a 1/2 SALDANA Jesus P	Haines & Company

202 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PENA Eduardo	Haines & Company

FINDINGS

214 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GOMEZ Epifania 323 224 a 1 S	Haines & Company

216 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SOLIS Sergio	Haines & Company

222 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	DON LENCHO RESTAURANT NO	Haines & Company
	SOLIS Sergio	Haines & Company

234 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Heron Mary Mrs r	Pacific Telephone & Telegraph Co.

248 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	W Slausn Flight Sales Co	Pacific Telephone & Telegraph Co.
	W Slausn Slauson & Broadway Auto Glass Shop	Pacific Telephone & Telegraph Co.

254 SLAUSON AVE W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	AHNS MOBIL SERVICE	Haines & Company

W 58TH

203 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	DORTON GEO J II	Pacific Bell
1971	Dorton Geo	Pacific Telephone
1942	MOHR Geo G Gertrude mach	Los Angeles Directory Co.
1933	Mohr Geo G Gertrude M mach	Los Angeles Directory Co.
1929	Mohr Geo G Gertrude mach	Los Angeles Directory Co.
1924	Mohr Geo G mach h	Los Angeles Directory Co.

206 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RETTIG LASALLE & ALBERTA	Pacific Bell
1986	RETTIG LASALLE & ALBERTA	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	RETTIG LASALLE & ALBERTA	Pacific Telephone
1971	Rettig A G Mrs	Pacific Telephone
1962	Rettig A G Mrs	Pacific Telephone
1942	OLSEN Ralph C Hazel carp	Los Angeles Directory Co.
1937	OLSEN Ralph C Hazel B clk	Los Angeles Directory Co.
1933	OLSEN Hazel B Mrs dept mgr F W Woolworth & Co	Los Angeles Directory Co.
	OLSON Ralph C Hazell carp	Los Angeles Directory Co.
1929	OLSEN Ralph Hazel carp	Los Angeles Directory Co.
1924	OLSEN Hazel K r	Los Angeles Directory Co.
	OLSEN Ralph C bldg contr h	Los Angeles Directory Co.

210 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ROLLINS MISSOURI	Pacific Bell
	ROLLINS JOHN J REV	Pacific Bell
1986	ROLLINS MISSOURI	Pacific Bell
	ROLLINS JOHN J REV	Pacific Bell
1981	ROLLINS MISSOURI	Pacific Telephone
	ROLLINS JOHN J REV	Pacific Telephone
1971	Rollins Missouri	Pacific Telephone
	Rollins John J Rev	Pacific Telephone
1962	Rollins Missouri	Pacific Telephone
	Rollins John J Rev	Pacific Telephone
1942	WOLFE La Verne R fcytwkr	Los Angeles Directory Co.
	WOLFE Janet A emp Buzza Cardozo	Los Angeles Directory Co.
	WOLFE Ernest A Ruth	Los Angeles Directory Co.
1937	WOLFE Ernest A Ruth L	Los Angeles Directory Co.
	WOLFE La Verne R factywkr	Los Angeles Directory Co.
1933	Martin Robt N	Los Angeles Directory Co.
	WOLFE Ernest A Ruth L lather	Los Angeles Directory Co.
1929	WOLFE Ernest R Ruth lather h	Los Angeles Directory Co.
1924	WOLFE Ernest A lather h	Los Angeles Directory Co.
	WOLFE Ruth L r	Los Angeles Directory Co.

218 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	JOHNSON SUNDRA V	Pacific Bell
1986	JOHNSON SUNDRA V	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Turk Frank Agnes tailor	Los Angeles Directory Co.
	Mollinet Leo C Indywkr	Los Angeles Directory Co.
1937	Turk Frank Agnes tailor	Los Angeles Directory Co.
	REDDING Arth jr drftsmn	Los Angeles Directory Co.
1933	GILBERT Hugh J rubberwkr	Los Angeles Directory Co.
	Turk Frank Agnes tailor	Los Angeles Directory Co.
	Turk Fred clk	Los Angeles Directory Co.
1929	Grimm Wm R musician	Los Angeles Directory Co.
	Turk Frank Agnes tailor h	Los Angeles Directory Co.
	Turk Fred A chauf r	Los Angeles Directory Co.
1924	Mc KINNON Jerome E woodwkr r	Los Angeles Directory Co.
	Turk Chas A clk r	Los Angeles Directory Co.
	TURK Frank A tailor h	Los Angeles Directory Co.
	TURK Fred A auto opr r	Los Angeles Directory Co.

219 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CURRIE ARCHIE L	Pacific Bell
1986	CURRIE ARCHIE L	Pacific Bell
1981	CURRIE ARCHIE L	Pacific Telephone
1971	Currie Archie L	Pacific Telephone
1962	Currie Archie L	Pacific Telephone
1942	CURRIE Arch L auto clnr	Los Angeles Directory Co.
	Haviland Rhea M wid John	Los Angeles Directory Co.
1937	Havolin Rhea Mrs	Los Angeles Directory Co.
	NANCE Rosa E Mrs	Los Angeles Directory Co.
1933	Haviland Rhea M wid J J	Los Angeles Directory Co.
1929	Haviland Rhea M	Los Angeles Directory Co.
1924	CURRIE Robt C student r	Los Angeles Directory Co.
	Haviland Reba h	Los Angeles Directory Co.

222 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	LARIOS ALLREDO	Pacific Telephone
1971	Larios Alfredo	Pacific Telephone
1962	Larios Alfredo	Pacific Telephone
1942	Krudger Frank G trucking	Los Angeles Directory Co.
	Krudger Harry J	Los Angeles Directory Co.
	Krudger Eliz wid Julius	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	PETTIT John Annabelle autorepr	Los Angeles Directory Co.
	KRUGER Frank	Los Angeles Directory Co.
1933	KRUEGER Minnie R	Los Angeles Directory Co.
	KRUEGER Mickey R compt opr	Los Angeles Directory Co.
	KRUEGER Harry J Marblewkr	Los Angeles Directory Co.
	KRUEGER Eliz wid J J	Los Angeles Directory Co.
1929	KRUEGER Selma	Los Angeles Directory Co.
	KRUEGER Minnie R clk	Los Angeles Directory Co.
	KRUEGER Harry	Los Angeles Directory Co.
	KRUEGER Eliz wid J J	Los Angeles Directory Co.
	Compton Chas C baker	Los Angeles Directory Co.
	KRUEGER Frank	Los Angeles Directory Co.
1924	Krue Zelma r	Los Angeles Directory Co.
	Krue Minnie r	Los Angeles Directory Co.
	Krue Julius A elev opr h	Los Angeles Directory Co.
	Krue Harry J auto opr r	Los Angeles Directory Co.
	Krue Elizabeth r	Los Angeles Directory Co.

223 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	REED EMMA	Pacific Bell
1986	REED EMMA	Pacific Bell
1981	REED EMMA	Pacific Telephone
1971	Reed Emma	Pacific Telephone
1962	Reed Emma	Pacific Telephone
1942	Balfour Raymond Y clk	Los Angeles Directory Co.
	Balfour Lucile F clk	Los Angeles Directory Co.
	Balfour Andy Y Margt driver	Los Angeles Directory Co.
1937	Dunsmuir Raymond E Cath I firemn	Los Angeles Directory Co.
1933	Arrigona Rulon O Viola M auto mach	Los Angeles Directory Co.
1929	PATTEN Herlo H Mary formn Dave P Kingsley	Los Angeles Directory Co.
	JOHNSON Jas A Eliz	Los Angeles Directory Co.
1924	Rita Nicolas M slsmn r	Los Angeles Directory Co.
	Porter Wm W slsmn h	Los Angeles Directory Co.
	Earhart Elbert E automech r	Los Angeles Directory Co.
	Porter Tracie V r	Los Angeles Directory Co.

FINDINGS

226 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	OATMAN JESSE	Pacific Telephone
1971	Lankford H B Jr	Pacific Telephone
1962	Lankford H B Jr	Pacific Telephone
	Lankford Norman	Pacific Telephone
1942	HOLMES Chas W Lelia real est	Los Angeles Directory Co.
1937	HOLMES Chas W real est	Los Angeles Directory Co.
	HOLMES K Lelia real est	Los Angeles Directory Co.
1933	HOLMES Cyrus W Lelia K	Los Angeles Directory Co.
1929	HOLMES Chas W Lelia real est	Los Angeles Directory Co.
1924	Briggs Alice M corsetierre r	Los Angeles Directory Co.
	BRIGGS Wm r	Los Angeles Directory Co.
	HOLMES Chas W Hinkle & Holmes h	Los Angeles Directory Co.
	HOLMES Lelia K r	Los Angeles Directory Co.

227 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WEST IDA BELL	Pacific Telephone
1971	West Ida Bell	Pacific Telephone
1962	OQuinn Hattie	Pacific Telephone
1942	Brower Alton M Esther clk	Los Angeles Directory Co.
1937	Wagor Medford A Marie clk	Los Angeles Directory Co.
1933	Concenia Raymond J clk	Los Angeles Directory Co.
	Concenia Lucy P Mrs	Los Angeles Directory Co.
	Concenia Jos W auto mech	Los Angeles Directory Co.
	Concenia Harold W meat ctr	Los Angeles Directory Co.
	Albitz Marie Mrs	Los Angeles Directory Co.
1929	Overley Margt sten	Los Angeles Directory Co.
	Grosvenor Howard M clk Cal Bank	Los Angeles Directory Co.
1924	Overley Ruth M steno r	Los Angeles Directory Co.
	Overley Kittie R h	Los Angeles Directory Co.

228 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	NAPOLEON MABEL	Pacific Telephone
1971	Blackman Geo	Pacific Telephone
	Blackman Mable	Pacific Telephone
1962	Beachem Peggy Ann	Pacific Telephone
	Beachem Wm C	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Smith Julius G Jr	Pacific Telephone
1942	LEWIS WM A Nettie dept mgr Western Auto Wash	Los Angeles Directory Co.
1937	LEWIS Wm A Nettie polshr	Los Angeles Directory Co.
1929	TAYLOR Russell S Edna h	Los Angeles Directory Co.
1924	Porter Martha V stock mgr r	Los Angeles Directory Co.

230 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	HALE LOIS	Pacific Bell
1971	Saint Floyd J	Pacific Telephone
1942	Hasprey Louis mach	Los Angeles Directory Co.
	BUSH Eliz S wid Guilford	Los Angeles Directory Co.
1937	Ludlow John O	Los Angeles Directory Co.
	KNOTT Donald factywr	Los Angeles Directory Co.
	BUSH Eliz S wid Guilford	Los Angeles Directory Co.
1933	BUSH Eliz S wid G O	Los Angeles Directory Co.
1929	BUSH Guilford C Eliz slsmn	Los Angeles Directory Co.
1924	BUSH Guilford C real est h	Los Angeles Directory Co.
	BUSH Elizabeth G r	Los Angeles Directory Co.

238 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RANDOLPH FREDERICK	Pacific Bell
1986	RANDOLPH FREDERICK	Pacific Bell
1981	RANDOLPH FREDERICK	Pacific Telephone
1971	Randolph Frederick	Pacific Telephone
1962	Randolph Frederick	Pacific Telephone
1942	LALLY Lydia A wid Jos	Los Angeles Directory Co.
1937	Heim Gertrude bkpr Western Sulphur Industries	Los Angeles Directory Co.
	HEIM John M Gertrude M slsmn	Los Angeles Directory Co.
1933	Lally Jos P Lydia Indywkr	Los Angeles Directory Co.
1929	LALLY Jos P Lydia Indymn	Los Angeles Directory Co.
	LALLY Edwin J bkpr Wilshire Oil Co	Los Angeles Directory Co.
1924	Sundling Richd D acct r	Los Angeles Directory Co.
	Chomistek Esther F M r	Los Angeles Directory Co.
	Chomistek Paul slsmn r	Los Angeles Directory Co.
	Sundling Alex bldg contr h	Los Angeles Directory Co.
	Sundling Ida M r	Los Angeles Directory Co.

FINDINGS

242 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	PEREZ ROMELIA	Pacific Telephone
1962	Suchil Martin A	Pacific Telephone
1942	MARTIN Murray E	Los Angeles Directory Co.
	BARBER Rex R Dolores mech	Los Angeles Directory Co.
	MARTIN Jos M Glea	Los Angeles Directory Co.
1937	Seber Willard H Cora	Los Angeles Directory Co.
	Szager Frank G Elise R auto repr	Los Angeles Directory Co.
1933	Heim J M slsmn W H Collins Corp	Los Angeles Directory Co.
	Seber Willard H Cora musician	Los Angeles Directory Co.
1929	Seber Cora Mrs musician r	Los Angeles Directory Co.
	Seber Willard H Cora musician h	Los Angeles Directory Co.
	WILSON Benj J Carry acct h	Los Angeles Directory Co.
	WILSON Benj J jr bkpr r	Los Angeles Directory Co.
	Kleiber Emma C phone opr	Los Angeles Directory Co.
1924	r	Los Angeles Directory Co.
	Seber Willard H slsmn Cora Seber h	Los Angeles Directory Co.

243 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ALVAREZ JUAN	Pacific Bell
1986	PROCTOR GERVIS	Pacific Bell
1981	PROCTOR GERVIS	Pacific Telephone
1971	Hall Adam	Pacific Telephone
	Proctor Gervis	Pacific Telephone
1962	Proctor Gervis	Pacific Telephone
1942	Lips Edw M Kath	Los Angeles Directory Co.
1937	LIPS Edw M Kathryn	Los Angeles Directory Co.
1933	LIPS Edw M Kathryn clk	Los Angeles Directory Co.
	Fetherolf Blanche cigarmkr	Los Angeles Directory Co.
1929	LIPS Edw M Kath whsemn	Los Angeles Directory Co.
	Fetheroff Blanche bkpr	Los Angeles Directory Co.
1924	LIPS Kath r	Los Angeles Directory Co.
	LIPS Edwd M clk h	Los Angeles Directory Co.

247 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ROCK OF AGES MISSIONARY BAPTIST CHURCH	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	ROCK OF AGES MISSIONARY BAPTIST CHURCH	Pacific Bell
1981	ROCK OF AGES MISSIONARY BAPTIST CHURCH	Pacific Telephone
1971	Galilee Baptist Church	Pacific Telephone
1962	Galilee Baptist Church	Pacific Telephone
1942	Spiritual Science Church Rev Mrs M A Smith pastor	Los Angeles Directory Co.
	Spiritual Science Temple	Los Angeles Directory Co.
1937	Spiritual Science Temple	Los Angeles Directory Co.
1933	Souter Side Spiritualist Church Rev Nellie M Ball pastor	Los Angeles Directory Co.
1929	SOUTH Side Spiritualist Church Nellie Ball pastor	Los Angeles Directory Co.
1924	SOUTH Side Spiritualist Church	Los Angeles Directory Co.
	South Side	Los Angeles Directory Co.

252 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ANDERSON RICHARD	Pacific Telephone
1971	Anderson Richard	Pacific Telephone
1942	Schlosser Kath Indywkr	Los Angeles Directory Co.
	Schlosser John A Kathryn bartndr	Los Angeles Directory Co.
1937	FOGG H Stanley Zoe E drftsmn	Los Angeles Directory Co.
	Brownrigg Yvonne Mrs sten Calif State Chamber of Commerce	Los Angeles Directory Co.
1933	JACOBS Steph Lillian R cooper	Los Angeles Directory Co.
	Jacobs Geo W bkpr	Los Angeles Directory Co.
1924	KAHN Tess steno r	Los Angeles Directory Co.
	KAHN Adel h	Los Angeles Directory Co.

255 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	WILLIAMS JAKE	Pacific Telephone

257 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BUSTOS JOSE	Pacific Bell
	JOBEA DAVID	Pacific Bell
	SANCHEZ BISITACION	Pacific Bell
1971	Gilmore Lila	Pacific Telephone
1962	Patricia Apts	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	ANDERSEN Bessie M br mgr Apex Van & Storage Co	Los Angeles Directory Co.
	Bollenbach Gene Mildred clk	Los Angeles Directory Co.
	DARST Thos F Ruby mech	Los Angeles Directory Co.
	DAY Wm A formn Bakery Patents Mfg Co	Los Angeles Directory Co.
	ELLIOTT Malcolm K Maybelle	Los Angeles Directory Co.
	Grove Vern D emp Baker Ice Mach Co	Los Angeles Directory Co.
	LANGFORD Margt W Mrs restr	Los Angeles Directory Co.
	Mc Murphy Frank	Los Angeles Directory Co.
	Nickels Louis G	Los Angeles Directory Co.
	Ormsby Chas T Beva Indywkr	Los Angeles Directory Co.
	ORMSBY Roy E Indywkr	Los Angeles Directory Co.
	OSBORN Lyle lab	Los Angeles Directory Co.
	Patricia Apartments	Los Angeles Directory Co.
	Price Hazel D Mrs mgr Patricia Apts	Los Angeles Directory Co.
	Schubert Jos	Los Angeles Directory Co.
	Solomon Maurice W confy	Los Angeles Directory Co.
	SULLIVAN Morris	Los Angeles Directory Co.
1937	Teviotdale Stanley slsmn Schulz & Co	Los Angeles Directory Co.
	Bradis Raymond M slsmn Peerless Lndy	Los Angeles Directory Co.
	Grove Vernon D Lucinda hlpr Baker Ice Mach Co	Los Angeles Directory Co.
	HALL Benj	Los Angeles Directory Co.
	HANSEN Aug	Los Angeles Directory Co.
	Hurd Orson	Los Angeles Directory Co.
	KAY Jack	Los Angeles Directory Co.
	Kemnitz Wayne W	Los Angeles Directory Co.
	Kinsley Jennie J mgr Patricia Apts	Los Angeles Directory Co.
	Mc DONALD Jack	Los Angeles Directory Co.
	MITCHELL Donald Edna	Los Angeles Directory Co.
	NICKELS L G	Los Angeles Directory Co.
	Patricia Apartments	Los Angeles Directory Co.
	PRICE Hazel D Mrs	Los Angeles Directory Co.
	RICHARDS Jack C Edna	Los Angeles Directory Co.
	ROBBINS J E	Los Angeles Directory Co.
	Rolden Chas	Los Angeles Directory Co.
	Rosebery Mabel wid C L	Los Angeles Directory Co.
	Smallen Herbt pntr	Los Angeles Directory Co.
	Spence J W	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	STEVENS D A	Los Angeles Directory Co.
	WHEELER Edna solr	Los Angeles Directory Co.
1933	HARE Robt	Los Angeles Directory Co.
	Hatchell Dorothy clk	Los Angeles Directory Co.
	LEE Marie H mgr Patricia Apts	Los Angeles Directory Co.
	Mc Camish Otto M barber	Los Angeles Directory Co.
	Patrician Apartments	Los Angeles Directory Co.
	THOMPSON Nellie J Mrs Indywkr	Los Angeles Directory Co.
	Vick Ruth clk	Los Angeles Directory Co.
	WEST Ruth	Los Angeles Directory Co.
	BASINGER Jay O slsmn Am Natl Ins Co	Los Angeles Directory Co.
	BERG Harold slsmn	Los Angeles Directory Co.
	DONOVAN Frank C Lillian B slsmn	Los Angeles Directory Co.
	GOFF John W garage	Los Angeles Directory Co.
1929	Blades Anna C Mrs slsldy	Los Angeles Directory Co.
	CASON John B Hilda mech	Los Angeles Directory Co.
	Chang Jas B Nellie acct	Los Angeles Directory Co.
	FELLOWS Geo mach	Los Angeles Directory Co.
	Kerley Elsie Indywkr	Los Angeles Directory Co.
	Long Ralph orthopedic mech	Los Angeles Directory Co.
	Mc Callem Hazel Indywkr	Los Angeles Directory Co.
	MACK Nellie A Indywkr	Los Angeles Directory Co.
	Patricia Apartments	Los Angeles Directory Co.
	Pattberg Fredk O Edith apts	Los Angeles Directory Co.
	STARR Clem R mech r	Los Angeles Directory Co.
	Tullis P S ydmn Santa Fe r	Los Angeles Directory Co.

242 1/2 W 58TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	AGUIRRE ADALBERTO	Pacific Bell

W 58TH ST

202 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a QUINTEROS Samuel	Haines Company, Inc
1967	Fareira Minnie B Mrs	Pacific Telephone
1958	Fareira Minnie B Mrs	Pacific Telephone

FINDINGS

203 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a COLINDRES Rosa	Haines Company, Inc
1976	Dorton Geo	Pacific Telephone
	Dorton Geo	Pacific Telephone
1967	Dorton Geo	Pacific Telephone

206 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a MARTINEZ Fidel	Haines Company, Inc
1976	Rettig A G Mrs	Pacific Telephone
1967	Rettig A G Mrs	Pacific Telephone
1958	Retticf A G Mrs	Pacific Telephone

207 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LAWRENCE Irma	Haines Company, Inc
	a ALEXIS Clive	Haines Company, Inc
1976	Williams Johnnie	Pacific Telephone
	Williams Johnnie	Pacific Telephone

210 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROLLINS Missouri	Haines Company, Inc
	ROLLINS John J Rev	Haines Company, Inc
1976	Rollins Missouri	Pacific Telephone
	Rollins John J Rev	Pacific Telephone
1967	Rollins Missouri	Pacific Telephone
	Rollins John J Rev	Pacific Telephone
1958	Wolfe E A Mrs	Pacific Telephone

211 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FIGUEROAAEIllo	Haines Company, Inc
	RAYON Soledad	Haines Company, Inc
1967	Watson E L	Pacific Telephone

214 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	/a CONTRERAS Mada	Haines Company, Inc
	a NOLASCO Julian	Haines Company, Inc

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Mc Donald Janice	Pacific Telephone
	Mc Donald Saml P	Pacific Telephone

215 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Cadene	Haines Company, Inc
	a WEDDINGTON	Haines Company, Inc
1976	Weddington R L	Pacific Telephone
1967	Dantzler G E	Pacific Telephone
1958	Dantzler G E	Pacific Telephone

218 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a WARNER Leona	Haines Company, Inc
	JOHNSON Sundra	Haines Company, Inc

219 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a TORRES Abel	Haines Company, Inc
1976	Currie Archie L	Pacific Telephone
1967	Currie Archie L	Pacific Telephone

W 58th St

222 W 58th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MATEO ANTONIO	EDR Digital Archive
	MATEO ANTONIO	EDR Digital Archive
2010	MATEO ANTONIO	EDR Digital Archive
	MATEO ANTONIO	EDR Digital Archive

W 58TH ST

222 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e ANTONIO Juan a	Haines Company, Inc
1976	Larios Alfredo	Pacific Telephone
1967	Larios Alfredo	Pacific Telephone
1958	Larios Alfredo	Pacific Telephone

FINDINGS

223 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MARTINEZWendy	Haines Company, Inc
1976	Reed Emma	Pacific Telephone
1967	Reed Emma	Pacific Telephone
1958	Bible Le Roy	Pacific Telephone

226 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LANKFORD Harry	Haines Company, Inc
	COLEMANB	Haines Company, Inc
1967	Lankford H B Jr	Pacific Telephone
1958	Lankford H B Jr	Pacific Telephone

227 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MCGRUDER Effie C	Haines Company, Inc
1967	West Ida Bell	Pacific Telephone
1958	OQuinn Hattie	Pacific Telephone

W 58th St

228 W 58th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MIGUEL VILLATORO	EDR Digital Archive
	MIGUEL VILLATORO	EDR Digital Archive

W 58TH ST

228 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
1976	Blackman Geo	Pacific Telephone
	Blackman Mable	Pacific Telephone
1967	Blackman Geo	Pacific Telephone
	Blackman Mable	Pacific Telephone
1958	Price Theoper Mrs	Pacific Telephone

230 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a FLORES Ademlo	Haines Company, Inc

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RODASB	Haines Company, Inc
	RODAS Ileana	Haines Company, Inc
1967	McDaniel Maxine	Pacific Telephone
	Saintfloyd Lane	Pacific Telephone

231 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHUPINA Edgar	Haines Company, Inc

234 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a EMECHETE Chinedu	Haines Company, Inc
1958	Hicks Albert L	Pacific Telephone

235 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a HENRY David	Haines Company, Inc
1958	Beacham Jos	Pacific Telephone

238 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RANDOLPH Frededck	Haines Company, Inc
1976	Randolph Frederick	Pacific Telephone
1967	Randolph Frederick	Pacific Telephone
1958	Randolph Frederick	Pacific Telephone

239 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e LOMINALu Is	Haines Company, Inc
1958	Robertson R H	Pacific Telephone

242 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a SOTO Victor	Haines Company, Inc
	TOVAR Lesbla Noemi	Haines Company, Inc
1958	Suchil Martin A	Pacific Telephone

243 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a MORENO Jaime e I	Haines Company, Inc
	ROBLES Benjem In	Haines Company, Inc

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Hall Adam	Pacific Telephone
	Proctor Gervis	Pacific Telephone
1967	Proctor Gervis	Pacific Telephone
	Hall Adam	Pacific Telephone
1958	Proctor Gervis	Pacific Telephone

246 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VELASQUEZRoberto	Haines Company, Inc
1967	Lind Frank	Pacific Telephone

247 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROCKOFAGES	Haines Company, Inc
	BAPTIST CHURCH	Haines Company, Inc
1976	Rock Of Ages Missionary Baptist Church	Pacific Telephone
1967	Galilee Baptist Church	Pacific Telephone
1958	Galilee Baptist Church	Pacific Telephone

250 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Thrapp John F	Pacific Telephone

252 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Anderson Richard	Pacific Telephone
1958	De Contreras Albert N	Pacific Telephone

253 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc

254 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Washington Wm B	Pacific Telephone

256 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Manni Jessie	Pacific Telephone

FINDINGS

257 W 58TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROMAN Ivan	Haines Company, Inc
	RUIZEEmeita	Haines Company, Inc
	MARTINEZ Oscar	Haines Company, Inc
	LICONARosa	Haines Company, Inc
	LEYVAAlex	Haines Company, Inc
	LEIVAAJex	Haines Company, Inc
	JIMENEZ Raquel	Haines Company, Inc
	MEJLALamberto	Haines Company, Inc
	CORDOVA Mrla	Haines Company, Inc
	APARTMENTS	Haines Company, Inc
1976	Gilmore Lelia L	Pacific Telephone
1967	Gilmore Lila	Pacific Telephone
	Fuller Arthur	Pacific Telephone
1958	Patricia Apts	Pacific Telephone

W SLAUSON AVE

200 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
1942	Stoutz Mabel M Mrs	Los Angeles Directory Co.
	Baker Agnes M Indywlr	Los Angeles Directory Co.
	BAKER Jesse C msngr	Los Angeles Directory Co.
	Stautz Herbt N drftsmn Natl Mach Products	Los Angeles Directory Co.
1937	BILLS John P	Los Angeles Directory Co.
	Dowling Marie wid Chas	Los Angeles Directory Co.
	Mc Kenna Grace Mrs	Los Angeles Directory Co.
	MYERS Fritz Flossie slsmn	Los Angeles Directory Co.
1933	Hinkston John E Rose lab	Los Angeles Directory Co.
	LUCAS Herman Rosielee jan	Los Angeles Directory Co.
1929	SLATER Ross H trucker r	Los Angeles Directory Co.
1924	Gruner Leroy electr r	Los Angeles Directory Co.
	Gruner Louis A electr r	Los Angeles Directory Co.
	Gruner Philip clk h	Los Angeles Directory Co.
	MOORE Fred h	Los Angeles Directory Co.

FINDINGS

202 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o PENA Eduardo	Haines Company, Inc
1976	Barnes Edw	Pacific Telephone
1942	Molyneux Jas A Rose M mech	Los Angeles Directory Co.
	Dowling Marie H wid C P	Los Angeles Directory Co.
	Dowling Jack V	Los Angeles Directory Co.
	Dowling Edw F lab	Los Angeles Directory Co.
1937	Dowling Jack V	Los Angeles Directory Co.
	Dowling Edw F	Los Angeles Directory Co.
	Corsini Olaf Inga cementwrkr	Los Angeles Directory Co.
	Corsmo Irene	Los Angeles Directory Co.
1933	Mc Namara Edw J	Los Angeles Directory Co.
1929	Middleton Arth H Eliz cond	Los Angeles Directory Co.
	Pellicon Rudolph Mary cabtmkr	Los Angeles Directory Co.
	Wark Eliz wid Wm r	Los Angeles Directory Co.
1924	DAVENPORT Carmi E aud E H Platt h	Los Angeles Directory Co.
	Carvajal Susana L h	Los Angeles Directory Co.

206 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	MORRIS Virgil h	Los Angeles Directory Co.

214 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WYRICK RODERICK	Pacific Bell

216 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SOLISSergio	Haines Company, Inc
1942	COLE Betty Mrs	Los Angeles Directory Co.
	Mc KNIGHT Asher D plmbr	Los Angeles Directory Co.
	STEWART Mary waiter	Los Angeles Directory Co.
	STEWART Vincent steelwkr	Los Angeles Directory Co.
1937	Carnoma Jos E clk	Los Angeles Directory Co.
	Carnoma Jos M Rose	Los Angeles Directory Co.
	Carnoma Nile	Los Angeles Directory Co.
	Linnborn Maggie wid Geo	Los Angeles Directory Co.
1933	Forclund Axel	Los Angeles Directory Co.
	Forslund Axel emp Weber Showcase & Fixt Co	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Dupplsis Patk V Leona auto mech	Los Angeles Directory Co.
	St Amand Mircel C printer r	Los Angeles Directory Co.
1924	HERBERT Harriet steno r	Los Angeles Directory Co.
	HERBERT Jeanotto clk h	Los Angeles Directory Co.
	HERBERT Sarah L typist r	Los Angeles Directory Co.

W Slauson Ave

222 W Slauson Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	EL BORREGO AS DE ORO	EDR Digital Archive
	RESTAURANTE LOS CUNADOS	EDR Digital Archive
	DON LENCHO RESTAURANT 2	EDR Digital Archive
	EL BORREGO AS DE ORO	EDR Digital Archive
	RESTAURANTE LOS CUNADOS	EDR Digital Archive
	DON LENCHO RESTAURANT 2	EDR Digital Archive
2010	EL BORREGO AS DE ORO	EDR Digital Archive
	DON LENCHO RESTAURANT 2	EDR Digital Archive
	ESCHEVERRIA RAFAEL	EDR Digital Archive
	ESCHEVERRIA RAFAEL	EDR Digital Archive
	EL BORREGO AS DE ORO	EDR Digital Archive
	DON LENCHO RESTAURANT 2	EDR Digital Archive

W SLAUSON AVE

222 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	EL BORREGO AS DE	Haines Company, Inc
1990	LA ESPECIAL NO 2	Pacific Bell
1986	LA ESPECIAL NO 2	Pacific Bell
1981	LA ESPECIAL NO 2	Pacific Telephone
1971	Dixie Burger House	Pacific Telephone

224 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	Mc Afee John G Chioe fuel	Los Angeles Directory Co.

234 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Brentwood Chapel	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Wilkinson Della Mrs	Los Angeles Directory Co.
	HERON Albt T Mary electn	Los Angeles Directory Co.
1937	WILKINSON Della Mrs	Los Angeles Directory Co.
	HERON Albt T Mary auto mech	Los Angeles Directory Co.
1933	Dowdy Rose M clk	Los Angeles Directory Co.
	Dowdy Jessie E clk	Los Angeles Directory Co.
1929	TAYLOR Richd I clk r	Los Angeles Directory Co.
	TAYLOR Bernice Mrs r	Los Angeles Directory Co.
	Heron Albt T Mary mech	Los Angeles Directory Co.
1924	TAYLOR Bernice dom r	Los Angeles Directory Co.
	HERON Albt T auto mech h	Los Angeles Directory Co.
	Grover Chas driver r	Los Angeles Directory Co.
	DAVIDSON Clarence W gard r	Los Angeles Directory Co.

248 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Bonita Cigar Mfrs	Pacific Telephone
	Slauson & Broadway Auto Glass Shop	Pacific Telephone
1929	NASH & Burke W E Nash J C Burke vulc	Los Angeles Directory Co.

250 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Budlong V A radios	Los Angeles Directory Co.
	CONNOLLY Edw R Mary battery sta	Los Angeles Directory Co.

252 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Kroll Francis O Eliz auto repr	Los Angeles Directory Co.

W Slauson Ave

254 W Slauson Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	AHNS MOBIL SERVICE	EDR Digital Archive
	UNI TECH ENTERPRISES	EDR Digital Archive
	UNI TECH ENTERPRISES	EDR Digital Archive
	AHNS MOBIL SERVICE	EDR Digital Archive
2010	UNI TECH ENTERPRISES	EDR Digital Archive
	AHNS MOBIL SERVICE	EDR Digital Archive
	AHNS MOBIL SERVICE	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	UNI TECH ENTERPRISES	EDR Digital Archive

W SLAUSON AVE

254 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SERVICE SERV STN	Haines Company, Inc
	AHNSMOBIL	Haines Company, Inc
	ENTERPRISES	Haines Company, Inc
	UNI TECH	Haines Company, Inc
1990	AHN S MOBIL SERVICE SERV STN	Pacific Bell
1986	AHN S MOBIL SERVICE SERV STN	Pacific Bell
1981	AHN S MOBIL SERVICE SERV STN	Pacific Telephone
1976	Ans Service Center	Pacific Telephone
1971	Sams Mobil Service	Pacific Telephone

200 1/2 W SLAUSON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SALDANA JESUS P	Pacific Bell

W. Slauson Ave

200 W. Slauson Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
	BUILDING	Haines Company, Inc
	ARCIGA CABINETS	Haines Company, Inc
	BROTHERHOOD	Haines Company, Inc
	BUSINESS DVLP&	Haines Company, Inc
	CARPINTERIA	Haines Company, Inc
	NUEVOANO	Haines Company, Inc
	COMPTONCOMRCL	Haines Company, Inc
	COMPTON COMRCL	Haines Company, Inc
	DELUX POLISHING	Haines Company, Inc
	ELPROGRESO	Haines Company, Inc
	FURNITURE	Haines Company, Inc
	JASMINE	Haines Company, Inc
	FURNITURE	Haines Company, Inc
	JAUREGUIWOOD	Haines Company, Inc
	TURNING	Haines Company, Inc

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SABRIYAS CASTLE	Haines Company, Inc
	OF FUN	Haines Company, Inc
	VALDEZJOSE	Haines Company, Inc
	WORKMAN	Haines Company, Inc
	INDUSTRIES	Haines Company, Inc
	A TAYLOR Gillian	Haines Company, Inc
2000	LARA Juanita	Haines & Company
	a 1/2 SALDANA Jesus P	Haines & Company
	BUILDING BROTHERHOOD BUSINESS DVLP & CPTL	Haines & Company
	BROTHERHOOD CRUSADE	Haines & Company
	COMPTON COMRCL DVLP	Haines & Company
	COMPTON COMRCL DVLP	Haines & Company
	EAGLE FURNITURE	Haines & Company
	EL GRAN TIZOC	Haines & Company
	GONZALO FURNITURE	Haines & Company
	HUERTA FURNITURE	Haines & Company
	INFINITY COML PCTRS	Haines & Company
	J FURNITURE	Haines & Company
	PINEDA GLORIA	Haines & Company
	RIVAS S G	Haines & Company
	SABRIYAS CASTLE FUN	Haines & Company
	WIRE MESH CORP	Haines & Company
1990	ABLE MEL AGENCY	Pacific Bell
	BLACK AGENDA INC THE	Pacific Bell
	BOB CAT ALL SERV MAINTANCE CO	Pacific Bell
	BROTHERHOOD CRUSADE	Pacific Bell
	CALIF COUNCIL ON YOUTH	Pacific Bell
	COMMUNITY YOUTH GANG SERVICES PROJECT THE	Pacific Bell
	COMPTON COMMERCIAL DEVELOPMENT CORP	Pacific Bell
	FAMILY HELP LINE	Pacific Bell
	PACE SETTERS	Pacific Bell
	WATTS SUMMER FESTIVAL INC	Pacific Bell
1986	ABLE MEL AGENCY	Pacific Bell
	ALL AMERICAN AUTOMOTIVE	Pacific Bell
	ALL AMERICAN AUTOMOTIVE	Pacific Bell
	ALL AMERICAN AUTOMOTIVE	Pacific Bell
	BLACK AGENDA INC THE	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	BROTHERHOOD CRUSADE	Pacific Bell
	COMMUNITY & PARENTS UNITED FOR CHILDREN	Pacific Bell
	COMMUNITY YOUTH GANG SERVICES PROJECT THE	Pacific Bell
	PACE SETTERS	Pacific Bell
1985	COMMUNITY YOUTH GANG SERVICES PROJECT THE	Pacific Bell
1981	ELECTRIC CO INDUSTRIAL SERVICE DIVISION	Pacific Telephone
1980	Receiving Dept	Pacific Telephone
	Service Dept	Pacific Telephone
1975	Service Dept	Pacific Telephone
1970	U S ELECTRICAL MOTORS DIVISION OF EMERSON I ELECTRIC CO	Pacific Telephone
	U S ELECTRICAL MOTORS DIVISION OF EMERSON ELECTRIC CO	Pacific Telephone
	U S ELECTRICAL MOTORS DIVISION OF EMERSON ELECTRIC CO	Pacific Telephone
1966	WEINER STEEL CORPORATION	Pacific Telephone
	U S ELECTRICAL MOTORS DIVISION OF EMERSON ELECTRIC CO	Pacific Telephone
1958	U S ELECTRICAL MOTORS INC	Pacific Telephone
	Los Angeles Factory	Pacific Telephone
	U S Motors Fctry	Pacific Telephone
	U S ELECTRICAL MOTORS INC DEFENSE PRODUCTS DIV	Pacific Telephone
1957	U S ELECTRICAL MOTORS INC	Pacific Telephone
	U S ELECTRICAL MOTORS INC	Pacific Telephone
1951	E Slausn U S Electrical Motors Inc	Pacific Telephone & Telegraph Co.
	E Slausn U S Motors Factory	Pacific Telephone & Telegraph Co.
1942	Baker Agnes M Indywlr	Los Angeles Directory Co.
	BAKER Jesse C msngr	Los Angeles Directory Co.
	Stautz Herbt N drftsmn Natl Mach Products	Los Angeles Directory Co.
	Stoutz Mabel M Mrs	Los Angeles Directory Co.
	U S Electrical Motors Inc H G Steele Pres G T Pfleger v pres sec	Los Angeles Directory Co.
1937	U S Electrical Motors Inc H G Steele pres G T Pfeger v pres sec	Los Angeles Directory Co.
	BILLS John P	Los Angeles Directory Co.
	Dowling Marie wid Chas	Los Angeles Directory Co.
	Mc Kenna Grace Mrs	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1937	MYERS Fritz Flossie slsmn	Los Angeles Directory Co.
1933	Hinkston John E Rose lab	Los Angeles Directory Co.
	LUCAS Herman Rosielee jan	Los Angeles Directory Co.
	U S Electrical Mfg Co H D Steele pres G T Pfleger v pres sec motors	Los Angeles Directory Co.
1929	SLATER Ross H trucker r	Los Angeles Directory Co.
1924	U S Electrical Mfg Co H G Steele pres treas C E Johnson v pres sec	Los Angeles Directory Co.
	Gruner Leroy electr r	Los Angeles Directory Co.
	Gruner Louis A electr r	Los Angeles Directory Co.
	Gruner Philip clk h	Los Angeles Directory Co.
	MOORE Fred h	Los Angeles Directory Co.

216 W. Slauson Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SOLISSergio	Haines Company, Inc
2000	SOLIS Sergio	Haines & Company
1942	COLE Betty Mrs	Los Angeles Directory Co.
	Mc KNIGHT Asher D plmbr	Los Angeles Directory Co.
	STEWART Mary waiter	Los Angeles Directory Co.
	STEWART Vincent steelwkr	Los Angeles Directory Co.
1937	Carnoma Jos E clk	Los Angeles Directory Co.
	Carnoma Jos M Rose	Los Angeles Directory Co.
	Carnoma Nile	Los Angeles Directory Co.
	Linnborn Maggie wid Geo	Los Angeles Directory Co.
1933	Forclund Axel	Los Angeles Directory Co.
	Forslund Axel emp Weber Showcase & Fixt Co	Los Angeles Directory Co.
1929	Dupplsis Patk V Leona auto mech	Los Angeles Directory Co.
	St Amand Mircel C printer r	Los Angeles Directory Co.
1924	HERBERT Harriet steno r	Los Angeles Directory Co.
	HERBERT Jeanotto clk h	Los Angeles Directory Co.
	HERBERT Sarah L typist r	Los Angeles Directory Co.

222 W. Slauson Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	EL BORREGO AS DE	Haines Company, Inc
2000	DON LENCHO RESTAURANT NO	Haines & Company
	SOLIS Sergio	Haines & Company
1990	LA ESPECIAL NO 2	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	LA ESPECIAL NO 2	Pacific Bell
1981	LA ESPECIAL NO 2	Pacific Telephone
1971	Dixie Burger House	Pacific Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
164 SLAUSON AVE W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
200 1/2 W SLAUSON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
200 SLAUSON AVE W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
200 W SLAUSON AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
200 W. Slauson Ave	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1976, 1972, 1971, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
202 58TH ST W	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 SLAUSON AVE W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 W 58TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 W SLAUSON AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched

Address Not Identified in Research Source

5840 BRENTWOOD ST	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5840 INSKEEP AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5844 Brentwood St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5844 Brentwood St	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5844 INSKEEP AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
5845 INSKEEP AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
5847 INSKEEP AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
5849 INSKEEP AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

210 W. Slauson

Address Not Identified in Research Source

2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

Appendix C

Copies of Available Leases

**STANDARD INDUSTRIAL/COMMERCIAL
LAND LEASE – GROSS**

BETWEEN

DEVORE AND DEVORE

(“Lessor”)

AND

**KARLEN GALSTYAN
D/B/A KG ROAD SERVICES**

(“Lessee”)



STANDARD INDUSTRIAL/COMMERCIAL LAND LEASE - GROSS
(DO NOT USE THIS FORM FOR BUILDINGS OR FOR LEASES PROVIDING FOR THE CONSTRUCTION OF BUILDINGS)

1. Basic Provisions ("Basic Provisions").

1.1 Parties. This Lease ("Lease"), dated for reference purposes only January 30, 2019, is made by and between Devore and Devore ("Lessor") and Karlen Galstyan D/B/A KG Road Services ("Lessee"), (collectively the "Parties," or individually a "Party").

1.2 Premises: That certain real property, including all improvements thereon or to be provided by Lessor under the terms of this Lease, commonly known as (street address, city, state, zip): 210 West Slauson Avenue, Parcel "A", Los Angeles, California 90003 ("Premises"). The Premises are located in the County of Los Angeles, and are generally described as (describe briefly the nature of the property and the improvements on the property, if any, and, if applicable, the "Project," if the property is located within a Project): an approximate 6,160 square foot lot, part of a larger parcel of land, as outlined in Exhibit "B". (See also Paragraph 2)

1.3 Term: Three (3) years and Zero (0) months ("Original Term") commencing February 1, 2019 ("Commencement Date") and ending January 31, 2022 ("Expiration Date"). (See also Paragraph 3)

1.4 Early Possession: If the Premises are available Lessee may have non-exclusive possession of the Premises commencing _____ ("Early Possession Date"). (See also Paragraphs 3.2 and 3.3)

1.5 Base Rent: \$2,350.00 per month ("Base Rent"), payable on the 1st day of each month commencing February 1, 2019. (See also Paragraph 4)

☒ If this box is checked, there are provisions in this Lease for the Base Rent to be adjusted. See Paragraph Exhibit "D".

1.6 Base Rent and Other Monies Paid Upon Execution:

- (a) Base Rent: \$2,350.00 for the period February 1, 2019 through February 28, 2019.
- (b) Security Deposit: \$4,986.23 ("Security Deposit"). (See also Paragraph 5)
- (c) Other: _____ for _____.
- (d) Total Due Upon Execution of this Lease: \$7,336.23.

1.7 Agreed Use: The Premises shall be used for truck and vehicle storage and no other use. Under no circumstance shall Lessee store any toxic chemicals on the Premises. (See also Paragraph 6)

1.8 Insuring Party. Lessor is the "Insuring Party". The annual "Base Premium" is _____. (See also Paragraph 8)

1.9 Real Estate Brokers. (See also Paragraph 15 and 25)

(a) Representation: The following real estate brokers (the "Brokers") and brokerage relationships exist in this transaction (check applicable boxes):

- ☒ Canon Business Properties, Inc. represents Lessor exclusively ("Lessor's Broker");
- ☒ Lessee's appointed legal counsel represents Lessee exclusively ("Lessee's Broker"); or
- ☐ _____ represents both Lessor and Lessee ("Dual Agency").

(b) Payment to Lessor's Brokers: Upon execution and delivery of this Lease by both Parties, Lessor shall pay to the Lessor's Brokers the brokerage fee agreed to in a separate written agreement (See paragraph 62 for further details). (or if there is no such agreement, the sum of _____ or _____ % of the total Base Rent) for the brokerage services rendered by the Brokers.

1.10 Guarantor. The obligations of the Lessee under this Lease are to be guaranteed by _____ ("Guarantor"). (See also Paragraph 37 and Exhibit "F")

1.11 Attachments. Attached hereto are the following, all of which constitute a part of this Lease:

- ☒ Exhibit "A" an Addendum consisting of Paragraphs 51 through 64;
- ☒ Exhibit "B" a plot plan depicting the Premises;
- ☐ a current set of the Rules and Regulations;
- ☐ a Work Letter;
- ☒ other (specify): Exhibit "C", an Arbitration Agreement; Exhibit "D", Rent Adjustment(s); Exhibit "E", Guaranty of Lease; and Exhibit "F", a Lessee Emergency Contact Information Sheet.

2. Premises.

2.1 Letting. Lessor hereby leases to Lessee, and Lessee hereby leases from Lessor, the Premises, for the term, at the rental, and upon all of the terms, covenants and conditions set forth in this Lease. While the approximate square footage of the Premises may have been used in the marketing of the Premises for purposes of comparison, the Base Rent stated herein is NOT tied to square footage and is not subject to adjustment should the actual size be determined to be different. NOTE: Lessee is advised to verify the actual size prior to executing this Lease.

2.2 Condition. Lessor shall deliver the Premises to Lessee free of debris on the Commencement Date or the Early Possession Date, whichever first occurs ("Start Date"), and warrants that the existing electrical, plumbing, lighting, if any, and all other such elements in the Premises, other than those constructed by Lessee, shall be in good operating condition on said date. If a non-compliance with said warranty exists as of the Start Date, or if one of such systems or elements should malfunction or fail within the warranty period, Lessor shall, as Lessor's sole obligation with respect to such matter, except as otherwise provided in this Lease, promptly after receipt of written notice from Lessee setting forth with specificity the nature and extent of such non-compliance, malfunction or failure, rectify same at Lessor's expense. The warranty period shall be 30 days. If Lessee does not give Lessor the required notice within the appropriate warranty period, correction of any such non-compliance, malfunction or failure shall be the obligation of Lessee at Lessee's sole cost and expense. Lessor also warrants, that unless otherwise specified in writing, Lessor is unaware of (i) any recorded Notices of Default affecting the Premise; (ii) any delinquent amounts due under any loan secured by the Premises; and (iii) any bankruptcy proceeding affecting the Premises.

2.3 Compliance. Lessor warrants that to the best of its knowledge the improvements on the Premises comply with the building codes, applicable laws, covenants or restrictions of record, regulations, and ordinances ("Applicable Requirements") that were in effect at the time that each improvement, or portion thereof, was constructed. Said warranty does not apply to the use to which Lessee will put the Premises, modifications which may be required by the Americans with Disabilities Act or any similar laws as a result of Lessee's use (see Paragraph 50), or to any Alterations or Utility Installations (as defined in Paragraph 7.3(a)) made or to shall be made by Lessee at Lessee's sole cost and expense. NOTE: Lessee is responsible for determining whether or not the Applicable Requirements, and especially the zoning, are appropriate for Lessee's intended use, and acknowledges that past uses of the Premises may no longer be allowed. If the Premises do not comply with said warranty, Lessor shall, except as otherwise provided, promptly after receipt of written notice from Lessee setting forth with specificity the nature and extent of such non-compliance, rectify the same at Lessor's expense. If Lessee does not give Lessor written notice of a non-compliance with this warranty within 6 months following the Start Date, correction of that non-compliance shall be the obligation of Lessee at Lessee's sole cost and expense.

2.4 Acknowledgements. Lessee acknowledges that: (a) it has been given an opportunity to inspect and measure the Premises, (b) it has been advised by Lessor and/or Brokers to satisfy itself with respect to the size and condition of the Premises (including but not limited to the improvements, if any, security, environmental aspects, and compliance with Applicable Requirements and the Americans with Disabilities Act), and their suitability for Lessee's intended use, (c) Lessee has made such investigation as it deems necessary with reference to such matters and assumes all responsibility therefor as the same relate to its occupancy of the Premises, (d) it is not relying on any representation as to the size of the Premises made by Brokers or Lessor, (e) the square footage of the Premises was not material to Lessee's decision to lease the Premises and pay the Rent stated herein, and (f) neither Lessor, Lessor's agents, nor Brokers have made any oral or written representations or warranties with respect to said matters other than as set forth in this Lease. In addition, Lessor acknowledges that: (i) Brokers have made no representations, promises or warranties concerning Lessee's ability to honor the Lease or suitability to occupy the Premises, and (ii) it is Lessor's sole responsibility to

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investigate the financial capability and/or suitability of all proposed tenants.

2.5 **Lessee as Prior Owner/Occupant.** The warranties made by Lessor in Paragraph 2 shall be of no force or effect if immediately prior to the Start Date Lessee was the owner or occupant of the Premises. In such event, Lessee shall be responsible for any necessary corrective work.

3. **Term.**

3.1 **Term.** The Commencement Date, Expiration Date and Original Term of this Lease are as specified in Paragraph 1.3.

3.2 **Early Possession.** Any provision herein granting Lessee Early Possession of the Premises is subject to and conditioned upon the Premises being available for such possession prior to the Commencement Date. Any grant of Early Possession only conveys a non-exclusive right to occupy the Premises. If Lessee totally or partially occupies the Premises prior to the Commencement Date, the obligation to pay Base Rent shall be abated for the period of such Early Possession. All other terms of this Lease (including but not limited to the obligations to pay Real Property Taxes and insurance premiums and to maintain the Premises) shall be in effect during such period. Any such Early Possession shall not affect the Expiration Date.

3.3 **Delay in Possession.** Lessor agrees to use its best commercially reasonable efforts to deliver possession of the Premises to Lessee by the Commencement Date. If, despite said efforts, Lessor is unable to deliver possession by such date, Lessor shall not be subject to any liability therefor, nor shall such failure affect the validity of this Lease or change the Expiration Date. Lessee shall not, however, be obligated to pay Rent or perform its other obligations until Lessor delivers possession of the Premises and any period of rent abatement that Lessee would otherwise have enjoyed shall run from the date of delivery of possession and continue for a period equal to what Lessee would otherwise have enjoyed under the terms hereof, but minus any days of delay caused by the acts or omissions of Lessee. If possession is not delivered within 60 days after the Commencement Date, Lessee may, at its option, by notice in writing within 10 days after the end of such 60 day period, cancel this Lease, in which event the Parties shall be discharged from all obligations hereunder. If such written notice is not received by Lessor within said 10 day period, Lessee's right to cancel shall terminate. If possession of the Premises is not delivered within 120 days after the Commencement Date, this Lease shall terminate unless other agreements are reached between Lessor and Lessee, in writing.

3.4 **Lessee Compliance.** Lessor shall not be required to tender possession of the Premises to Lessee until Lessee complies with its obligation to provide evidence of insurance (Paragraph 8.5). Pending delivery of such evidence, Lessee shall be required to perform all of its obligations under this Lease from and after the Start Date, including the payment of Rent, notwithstanding Lessor's election to withhold possession pending receipt of such evidence of insurance. Further, if Lessee is required to perform any other conditions prior to or concurrent with the Start Date, the Start Date shall occur but Lessor may elect to withhold possession until such conditions are satisfied.

4. **Rent.**

4.1 **Rent Defined.** All monetary obligations of Lessee to Lessor under the terms of this Lease (except for the Security Deposit) are deemed to be rent ("Rent").

4.2 **Payment.** Lessee shall cause payment of Rent to be received by Lessor in lawful money of the United States, without offset or deduction (except as specifically permitted in this Lease), on or before the day on which it is due. All monetary amounts shall be rounded to the nearest whole dollar. In the event that any invoice prepared by Lessor is inaccurate such inaccuracy shall not constitute a waiver and Lessee shall be obligated to pay the amount set forth in this Lease. Rent for any period during the term hereof which is for less than one full calendar month shall be prorated based upon the actual number of days of said month. Payment of Rent shall be made to Lessor at its address stated herein or to such other persons or place as Lessor may from time to time designate in writing. Acceptance of a payment which is less than the amount then due shall not be a waiver of Lessor's rights to the balance of such Rent, regardless of Lessor's endorsement of any check so stating. In the event that any check, draft, or other instrument of payment given by Lessee to Lessor is dishonored for any reason, Lessee agrees to pay to Lessor the sum of \$25 in addition to any Late Charge and Lessor, at its option, may require all future payments to be made by Lessee to be by cashier's check. Payments will be applied first to accrued late charges and attorney's fees, second to accrued interest, then to Base Rent and Operating Expense Increase, and any remaining amount to any other outstanding charges or costs.

5. **Security Deposit.** Lessee shall deposit with Lessor upon execution hereof the Security Deposit as security for Lessee's faithful performance of its obligations under this Lease. If Lessee fails to pay Rent, or otherwise Defaults under this Lease, Lessor may use, apply or retain all or any portion of said Security Deposit for the payment of any amount already due Lessor, for Rents which will be due in the future, and/or to reimburse or compensate Lessor for any liability, expense, loss or damage which Lessor may suffer or incur by reason thereof. If Lessor uses or applies all or any portion of the Security Deposit, Lessee shall within 10 days after written request therefor deposit monies with Lessor sufficient to restore said Security Deposit to the full amount required by this Lease. If the Base Rent increases during the term of this Lease, Lessee shall, upon written request from Lessor, deposit additional monies with Lessor so that the total amount of the Security Deposit shall at all times bear the same proportion to the increased Base Rent as the initial Security Deposit bore to the initial Base Rent. Should the Agreed Use be amended to accommodate a material change in the business of Lessee or to accommodate a sublessee or assignee, Lessor shall have the right to increase the Security Deposit to the extent necessary, in Lessor's reasonable judgment, to account for any increased wear and tear that the Premises may suffer as a result thereof. If a change in control of Lessee occurs during this Lease and following such change the financial condition of Lessee is, in Lessor's reasonable judgment, significantly reduced, Lessee shall deposit such additional monies with Lessor as shall be sufficient to cause the Security Deposit to be at a commercially reasonable level based on such change in financial condition. Lessor shall not be required to keep the Security Deposit separate from its general accounts. Within 90 days after the expiration or termination of this Lease, Lessor shall return that portion of the Security Deposit not used or applied by Lessor. Lessor shall upon written request provide Lessee with an accounting showing how that portion of the Security Deposit that was not returned was applied. No part of the Security Deposit shall be considered to be held in trust, to bear interest or to be prepayment for any monies to be paid by Lessee under this Lease throughout the Lease Term (including any Option Term(s), as and if applicable). **THE SECURITY DEPOSIT SHALL NOT BE USED BY LESSEE IN LIEU OF PAYMENT OF THE LAST MONTH'S RENT.**

6. **Use.**

6.1 **Use.** Lessee shall use and occupy the Premises only for the Agreed Use, or any other legal use which is reasonably comparable thereto, and for no other purpose. Lessee shall not use or permit the use of the Premises in a manner that is unlawful, creates damage, waste or a nuisance, or that disturbs occupants of or causes damage to neighboring premises or properties. Other than guide, signal and seeing eye dogs, Lessee shall not keep or allow in the Premises any pets, animals, birds, fish, or reptiles. Lessor shall not unreasonably withhold or delay its consent to any request for a modification of the Agreed Use, so long as the same will not be significantly more burdensome to the Premises. If Lessor elects to withhold consent, Lessor shall within 7 days after such request give written notification of same, which notice shall include an explanation of Lessor's objections to the change in the Agreed Use.

6.2 **Hazardous Substances.**

(a) **Reportable Uses Require Consent.** The term "Hazardous Substance" as used in this Lease shall mean any product, substance, or waste whose presence, use, manufacture, disposal, transportation, or release, either by itself or in combination with other materials expected to be on the Premises, is either: (i) potentially injurious to the public health, safety or welfare, the environment or the Premises, (ii) regulated or monitored by any governmental authority, or (iii) a basis for potential liability of Lessor to any governmental agency or third party under any applicable statute or common law theory. Hazardous Substances shall include, but not be limited to, hydrocarbons, petroleum, gasoline, and/or crude oil or any products, by-products or fractions thereof. Lessee shall not engage in any activity in or on the Premises which constitutes a Reportable Use of Hazardous Substances without the express prior written consent of Lessor and timely compliance (at Lessee's expense) with all Applicable Requirements. "Reportable Use" shall mean (i) the installation or use of any above or below ground storage tank, (ii) the generation, possession, storage, use, transportation, or disposal of a Hazardous Substance that requires a permit from, or with respect to which a report, notice, registration or business plan is required to be filed with, any governmental authority, and/or (iii) the presence at the Premises of a Hazardous Substance with respect to which any Applicable Requirements requires that a notice be given to persons entering or occupying the Premises or neighboring properties. Notwithstanding the foregoing, Lessee may use any ordinary and customary materials reasonably required to be used in the normal course of the Agreed Use, ordinary office supplies (copier toner, liquid paper, glue, etc.) and common household cleaning materials, so long as such use is in compliance with all Applicable Requirements, is not a Reportable Use, and does not expose the Premises or neighboring property to any meaningful risk of contamination or damage or expose Lessor to any liability therefor. In addition, Lessor may condition its consent to any Reportable Use upon receiving such additional assurances as Lessor reasonably deems necessary to protect itself, the public, the Premises and/or the environment against damage, contamination, injury and/or liability, including, but not limited to, the installation (and removal on or before Lease expiration or termination) of protective modifications (such as concrete encasements) and/or increasing the Security Deposit.

(b) **Duty to Inform Lessor.** If Lessee knows, or has reasonable cause to believe, that a Hazardous Substance has come to be located in, on, under or about the Premises, other than as previously consented to by Lessor, Lessee shall immediately give written notice of such fact to Lessor, and provide Lessor with a copy of any report, notice, claim or other documentation which it has concerning the presence of such Hazardous Substance.

(c) **Lessee Remediation.** Lessee shall not cause or permit any Hazardous Substance to be spilled or released in, on, under, or about the Premises (including through the plumbing or sanitary sewer system) and shall promptly, at Lessee's expense, comply with all Applicable Requirements and take all investigatory and/or remedial action reasonably recommended, whether or not formally ordered or required, for the cleanup of any contamination of, and for the maintenance, security and/or monitoring of the Premises or neighboring properties, that was caused or materially contributed to by Lessee, or pertaining to or involving any Hazardous Substance brought onto the Premises during the term of this Lease, by or for Lessee, or any third party.

(d) **Lessee Indemnification.** Lessee shall indemnify, defend and hold Lessor, its agents, employees, lenders and ground lessor, if any, harmless from and against any and all loss of rents and/or damages, liabilities, judgments, claims, expenses, penalties, and attorneys' and consultants' fees arising out of or involving any Hazardous Substance brought onto the Premises by or for Lessee, or any third party (provided, however, that Lessee shall have no liability under this Lease with respect to underground migration of any Hazardous Substance under the Premises from adjacent properties not caused or contributed to by Lessee). Lessee's

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obligations shall include, but not be limited to, the effects of any contamination or injury to person, property or the environment created or suffered by Lessee, and the cost of investigation, removal, remediation, restoration and/or abatement, and shall survive the expiration or termination of this Lease. **No termination, cancellation or release agreement entered into by Lessor and Lessee shall release Lessee from its obligations under this Lease with respect to Hazardous Substances, unless specifically so agreed by Lessor in writing at the time of such agreement.**

(e) **Lessor Indemnification.** Except as otherwise provided in paragraph 8.7, Lessor and its successors and assigns shall indemnify, defend, reimburse and hold Lessee, its employees and lenders, harmless from and against any and all environmental damages, including the cost of remediation, which result from Hazardous Substances which existed on the Premises prior to Lessee's occupancy or which are caused by the gross negligence or willful misconduct of Lessor, its agents or employees. Lessor's obligations, as and when required by the Applicable Requirements, shall include, but not be limited to, the cost of investigation, removal, remediation, restoration and/or abatement, and shall survive the expiration or termination of this Lease.

(f) **Investigations and Remediations.** Lessor shall retain the responsibility and pay for any investigations or remediation measures required by governmental entities having jurisdiction with respect to the existence of Hazardous Substances on the Premises prior to Lessee's occupancy, unless such remediation measure is required as a result of Lessee's use (including "Alterations", as defined in paragraph 7.3(a) below) of the Premises, in which event Lessee shall be responsible for such payment. Lessee shall cooperate fully in any such activities at the request of Lessor, including allowing Lessor and Lessor's agents to have reasonable access to the Premises at reasonable times in order to carry out Lessor's investigative and remedial responsibilities.

(g) **Lessor Termination Option.** If a Hazardous Substance Condition (see Paragraph 9.1(e)) occurs during the term of this Lease, unless Lessee is legally responsible therefor (in which case Lessee shall make the investigation and remediation thereof required by the Applicable Requirements and this Lease shall continue in full force and effect, but subject to Lessor's rights under Paragraph 6.2(d) and Paragraph 13), Lessor may, at Lessor's option, either (i) investigate and remediate such Hazardous Substance Condition, if required, as soon as reasonably possible at Lessor's expense, in which event this Lease shall continue in full force and effect, or (ii) if the estimated cost to remediate such condition exceeds 12 times the then monthly Base Rent or \$100,000, whichever is greater, give written notice to Lessee, within 30 days after receipt by Lessor of knowledge of the occurrence of such Hazardous Substance Condition, of Lessor's desire to terminate this Lease as of the date 60 days following the date of such notice.

6.3 **Lessee's Compliance with Applicable Requirements.** Except as otherwise provided in this Lease, Lessee shall, at Lessee's sole expense, fully, diligently and in a timely manner, materially comply with all Applicable Requirements, the requirements of any applicable fire insurance underwriter or rating bureau, and the recommendations of Lessor's engineers and/or consultants which relate in any manner to the Premises, without regard to whether said Applicable Requirements are now in effect or become effective after the Start Date. Lessee shall, within 10 days after receipt of Lessor's written request, provide Lessor with copies of all permits and other documents, and other information evidencing Lessee's compliance with any Applicable Requirements specified by Lessor, and shall immediately upon receipt, notify Lessor in writing (with copies of any documents involved) of any threatened or actual claim, notice, citation, warning, complaint or report pertaining to or involving the failure of Lessee or the Premises to comply with any Applicable Requirements.

6.4 **Inspection; Compliance.** Lessor and Lessor's "Lender" (as defined in Paragraph 30) and consultants authorized by Lessor shall have the right to enter onto Premises at any time, in the case of an emergency, and otherwise at reasonable times after reasonable notice, for the purpose of inspecting and/or testing the condition of the Premises and/or for verifying compliance by Lessee with this Lease. The cost of any such inspections shall be paid by Lessor, unless a violation of Applicable Requirements, or a Hazardous Substance Condition (see Paragraph 9.1) is found to exist or be imminent, or the inspection is requested or ordered by a governmental authority. In such case, Lessee shall upon request reimburse Lessor for the cost of such inspection, so long as such inspection is reasonably related to the violation or contamination. In addition, Lessee shall provide copies of all relevant material safety data sheets (MSDS) to Lessor within 10 days of the receipt of a written request therefor. Lessee acknowledges that any failure on its part to allow such inspections or testing will expose Lessor to risks and potentially cause Lessor to incur costs not contemplated by this Lease, the extent of which will be extremely difficult to ascertain. Accordingly, should the Lessee fail to allow such inspections and/or testing in a timely fashion the Base Rent shall be automatically increased, without any requirement for notice to Lessee, by an amount equal to 10% of the then existing Base Rent or \$100, whichever is greater for the remainder to the Lease. The Parties agree that such increase in Base Rent represents fair and reasonable compensation for the additional risk/costs that Lessor will incur by reason of Lessee's failure to allow such inspection and/or testing. Such increase in Base Rent shall in no event constitute a waiver of Lessee's Default or Breach with respect to such failure nor prevent the exercise of any of the other rights and remedies granted hereunder.

7. Maintenance; Repairs; Utility Installations; Trade Fixtures and Alterations.

7.1 Lessee's Obligations.

(a) **In General.** Subject to the provisions of Paragraph 2.2 (Condition), 2.3 (Compliance), 6.3 (Lessee's Compliance with Applicable Requirements), 7.2 (Lessor's Obligations), 9 (Damage or Destruction), and 14 (Condemnation), Lessee shall, at Lessee's sole expense, keep the Premises, in good order, condition and repair (whether or not the need for such repairs occurs as a result of Lessee's use, any prior use, the elements or the age of such portion of the Premises), including, but not limited to, plumbing, lighting facilities, landscaping, driveways, parking lots, fences, retaining walls, signs, sidewalks and parkways located on, or adjacent to, the Premises. Lessee, in keeping the Premises in good order, condition and repair, shall exercise and perform good maintenance practices, specifically including the procurement and maintenance of the service contracts required by Paragraph 7.1(b) below. Lessee's obligations shall include restorations, replacements or renewals when necessary to keep the Premises and all improvements thereon or a part thereof in good order, condition and state of repair. Lessee shall, during the term of this Lease, keep the appearance of the Premises in a first-class condition (including, e.g. graffiti removal).

(b) **Service Contracts.** Lessee shall, at Lessee's sole expense, procure and maintain a contract, with copies to Lessor, in customary form and substance for, and with a contractor specializing and experienced in the maintenance of the landscaping and irrigation systems, However, Lessor reserves the right, upon notice to Lessee, to procure and maintain such service contract, and Lessee shall reimburse Lessor, upon demand, for the cost thereof.

(c) **Failure to Perform.** If Lessee fails to perform Lessee's obligations under this Paragraph 7.1, Lessor may enter upon the Premises after 10 days' prior written notice to Lessee (except in the case of an emergency, in which case no notice shall be required), perform such obligations on Lessee's behalf, and put the Premises in good order, condition and repair, and Lessee shall promptly pay to Lessor a sum equal to 115% of the cost thereof.

7.2 **Lessor's Obligations.** Subject to the provisions of Paragraphs 2.2 (Condition), 2.3 (Compliance), 9 (Damage or Destruction) and 14 (Condemnation), it is intended by the Parties hereto that Lessor have no obligation, in any manner whatsoever, to repair and maintain the Premises. It is the intention of the Parties that the terms of this Lease govern the respective obligations of the Parties as to maintenance and repair of the Premises, and they expressly waive the benefit of any statute now or hereafter in effect to the extent it is inconsistent with the terms of this Lease.

7.3 Utility Installations; Trade Fixtures; Alterations.

(a) **Definitions.** The term "Utility Installations" refers to security and fire protection systems, lighting fixtures, plumbing, and fencing on the Premises. The term "Trade Fixtures" shall mean Lessee's machinery and equipment that can be removed without doing material damage to the Premises. The term "Alterations" shall mean any modification of the improvements, other than Utility Installations or Trade Fixtures, whether by addition or deletion. "Lessee Owned Alterations and/or Utility Installations" are defined as Alterations and/or Utility Installations made by Lessee that are not yet owned by Lessor pursuant to Paragraph 7.4(a).

(b) **Consent.** Lessee shall not make any Alterations or Utility Installations to the Premises without Lessor's prior written consent. Lessee may, however, make non-structural Alterations or Utility Installations to the Premises without such consent but upon notice to Lessor, as long as the cumulative cost thereof during this Lease as extended does not exceed a sum equal to 3 month's Base Rent in the aggregate or a sum equal to one month's Base Rent in any one year. Lessor may, as a precondition to granting such approval, require Lessee to utilize a contractor chosen and/or approved by Lessor. Any Alterations or Utility Installations that Lessee shall desire to make and which require the consent of the Lessor shall be presented to Lessor in written form with detailed plans. Consent shall be deemed conditioned upon Lessee's: (i) acquiring all applicable governmental permits, (ii) furnishing Lessor with copies of both the permits and the plans and specifications prior to commencement of the work, and (iii) compliance with all conditions of said permits and other Applicable Requirements in a prompt and expeditious manner. Any Alterations or Utility Installations shall be performed in a workmanlike manner with good and sufficient materials. Lessee shall promptly upon completion furnish Lessor with as-built plans and specifications. For work which costs an amount in excess of one month's Base Rent, Lessor may condition its consent upon Lessee providing a lien and completion bond in an amount equal to 150% of the estimated cost of such Alteration or Utility Installation and/or upon Lessee's posting an additional Security Deposit with Lessor.

(c) **Liens; Bonds.** Lessee shall pay, when due, all claims for labor or materials furnished or alleged to have been furnished to or for Lessee at or for use on the Premises, which claims are or may be secured by any mechanic's or materialmen's lien against the Premises or any interest therein. Lessee shall give Lessor not less than 10 days notice prior to the commencement of any work in, on or about the Premises, and Lessor shall have the right to post notices of non-responsibility. If Lessee shall contest the validity of any such lien, claim or demand, then Lessee shall, at its sole expense defend and protect itself, Lessor and the Premises against the same and shall pay and satisfy any such adverse judgment that may be rendered thereon before the enforcement thereof. If Lessor shall require, Lessee shall furnish a surety bond in an amount equal to 150% of the amount of such contested lien, claim or demand, indemnifying Lessor against liability for the same. If Lessor elects to participate in any such action, Lessee shall pay Lessor's attorneys' fees and costs.

7.4 Ownership; Removal; Surrender; and Restoration.

(a) **Ownership.** Subject to Lessor's right to require removal or elect ownership as hereinafter provided, all Alterations and Utility Installations made by Lessee shall be the property of Lessee, but considered a part of the Premises. Lessor may, at any time, elect in writing to be the owner of all or any specified part of the Lessee Owned Alterations and Utility Installations. Unless otherwise instructed per paragraph 7.4(b) hereof, all Lessee Owned Alterations and Utility Installations shall, at the expiration or termination of this Lease, become the property of Lessor and be surrendered by Lessee with the Premises.

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(b) **Removal.** By delivery to Lessee of written notice from Lessor not earlier than 90 and not later than 30 days prior to the end of the term of this Lease, Lessor may require that any or all Lessee Owned Alterations or Utility Installations be removed by the expiration or termination of this Lease. Lessor may require the removal at any time of all or any part of any Lessee Owned Alterations or Utility Installations made without the required consent.

(c) **Surrender; Restoration.** Lessee shall surrender the Premises by the Expiration Date or any earlier termination date, with all of the improvements, parts and surfaces thereof broom clean and free of debris, and in good operating order, condition and state of repair, ordinary wear and tear excepted. "Ordinary wear and tear" shall not include any damage or deterioration that would have been prevented by good maintenance practice. Notwithstanding the foregoing, if the Lessee occupies the Premises for 12 months or less, then Lessee shall surrender the Premises in the same condition as delivered to Lessee on the Start Date with NO allowance for ordinary wear and tear. Lessee shall repair any damage occasioned by the installation, maintenance or removal of Trade Fixtures, Lessee owned Alterations and/or Utility Installations, furnishings, and equipment as well as the removal of any storage tank installed by or for Lessee. Lessee shall also remove from the Premises any and all Hazardous Substances brought onto the Premises by or for Lessee, or any third party (except Hazardous Substances which were deposited via underground migration from areas outside of the Premises) to the level specified in Applicable Requirements. Trade Fixtures shall remain the property of Lessee and shall be removed by Lessee. Any personal property of Lessee not removed on or before the Expiration Date or any earlier termination date shall be deemed to have been abandoned by Lessee and may be disposed of or retained by Lessor as Lessor may desire. The failure by Lessee to timely vacate the Premises pursuant to this Paragraph 7.4(c) without the express written consent of Lessor shall constitute a holdover under the provisions of Paragraph 26 below.

8. Insurance; Indemnity.

8.1 Payment of Premium Increases.

(a) Lessee shall pay to Lessor any insurance cost increase ("Insurance Cost Increase") occurring during the term of this Lease. Insurance Cost Increase is defined as any increase in the actual cost of the insurance required under Paragraph 8.2(b), 8.3(a) and 8.3(b), over and above the Base Premium as hereinafter defined calculated on an annual basis. Insurance Cost Increase shall include but not be limited to increases resulting from the nature of Lessee's occupancy, any act or omission of Lessee, requirements of the holder of mortgage or deed of trust covering the Premises, increased valuation of the Premises and/or a premium rate increase. The parties are encouraged to fill in the Base Premium in paragraph 1.8 with a reasonable premium for such insurance based on the Agreed Use of the Premises. If the parties fail to insert a dollar amount in Paragraph 1.8, then the Base Premium shall be the lowest annual premium reasonably obtainable for the required insurance as of the commencement of the Original Term for the Agreed Use of the Premises. In no event, however, shall Lessee be responsible for any portion of the increase in the premium cost attributable to liability insurance carried by Lessor under Paragraph 8.2(b) in excess of \$2,000,000 per occurrence.

(b) Lessee shall pay any such Insurance Cost Increase to Lessor within 30 days after receipt by Lessee of a copy of the premium statement or other reasonable evidence of the amount due. If the insurance policies maintained hereunder cover other property besides the Premises, Lessor shall also deliver to Lessee a statement of the amount of such Insurance Cost Increase attributable only to the Premises showing in reasonable detail the manner in which such amount was computed. Premiums for policy periods commencing prior to, or extending beyond the term of this Lease, shall be prorated to correspond to the term of this Lease.

8.2 Liability Insurance.

(a) **Carried by Lessee.** Lessee shall obtain and keep in force a Commercial General Liability policy of insurance protecting Lessee and Lessor as an additional insured against claims for bodily injury, personal injury and property damage based upon or arising out of the ownership, use, occupancy or maintenance of the Premises and all areas appurtenant thereto. Such insurance shall be on an occurrence basis providing single limit coverage in an amount not less than \$1,000,000 per occurrence with an annual aggregate of not less than \$2,000,000. Lessee shall add Lessor as an additional insured by means of an endorsement at least as broad as the Insurance Service Organization's "Additional Insured-Managers or Lessors of Premises" Endorsement. The policy shall not contain any intra-insured exclusions as between insured persons or organizations, but shall include coverage for liability assumed under this Lease as an "insured contract" for the performance of Lessee's indemnity obligations under this Lease. The limits of said insurance shall not, however, limit the liability of Lessee nor relieve Lessee of any obligation hereunder. Lessee shall provide an endorsement on its liability policy(ies) which provides that its insurance shall be primary to and not contributory with any similar insurance carried by Lessor, whose insurance shall be considered excess insurance only.

(b) **Carried by Lessor.** Lessor shall maintain liability insurance as described in Paragraph 8.2(a), in addition to, and not in lieu of, the insurance required to be maintained by Lessee. Lessee shall not be named as an additional insured therein.

8.3 Property Insurance - Improvements and Rental Value.

(a) **Improvements.** The Insuring Party shall obtain and keep in force a policy or policies in the name of Lessor, with loss payable to Lessor, any ground lessor, and to any lender insuring loss or damage to the Premises. The amount of such insurance shall be equal to the full insurable replacement cost of the Premises, as the same shall exist from time to time, or the amount required by any lender, but in no event more than the commercially reasonable and available insurable value thereof. Lessee Owned Alterations and Utility Installations, Trade Fixtures, and Lessee's personal property shall be insured by Lessee and not by Lessor. If the coverage is available and commercially appropriate, such policy or policies shall insure against all risks of direct physical loss or damage (except the perils of flood and/or earthquake unless required by a Lender or included in the Base Premium) including coverage for debris removal and the enforcement of any Applicable Requirements requiring the upgrading, demolition, reconstruction or replacement of any portion of the Premises as the result of a covered loss. Said policy or policies shall also contain an agreed valuation provision in lieu of any coinsurance clause, waiver of subrogation, and inflation guard protection causing an increase in the annual property insurance coverage amount by a factor of not less than the adjusted U.S. Department of Labor Consumer Price Index for All Urban Consumers for the city nearest to where the Premises are located. If such insurance coverage has a deductible clause, the deductible amount shall not exceed \$5,000 per occurrence, and Lessee shall be liable for such deductible amount in the event of an insured loss.

(b) **Rental Value.** The Insuring Party shall obtain and keep in force a policy or policies in the name of Lessor with loss payable to Lessor and any lender, insuring the loss of the full Rent for one year with an extended period of indemnity for an additional 180 days ("Rental Value Insurance"). Said insurance shall contain an agreed valuation provision in lieu of any coinsurance clause, and the amount of coverage shall be adjusted annually to reflect the projected Rent otherwise payable by Lessee for the next 12 month period. Lessee shall be liable for any deductible amount in the event of such loss.

(c) **Adjacent Premises.** If the Premises are part of a larger property owned by Lessor, the Lessee shall pay for any increase in the premiums for the property insurance of such adjacent property if said increase is caused by Lessee's acts, omissions, use or occupancy of the Premises.

8.4 Lessee's Property; Coverage; Worker's Compensation Insurance.

(a) **Property Damage.** Lessee shall obtain and maintain insurance coverage on all of Lessee's personal property, Trade Fixtures, and Lessee Owned Alterations and Utility Installations. Such insurance shall be full replacement cost coverage with a deductible of not to exceed \$1,000 per occurrence. The proceeds from any such insurance shall be used by Lessee for the replacement of personal property, Trade Fixtures and Lessee Owned Alterations and Utility Installations.

(b) **Worker's Compensation Insurance.** Lessee shall obtain and maintain Worker's Compensation Insurance in such amount as may be required by Applicable Requirements. Such policy shall include a "Waiver of Subrogation" endorsement. Lessee shall provide Lessor with a copy of such endorsement along with the certificate of insurance or copy of the policy required by paragraph 8.5.

(c) **No Representation of Adequate Coverage.** Lessor makes no representation that the limits or forms of coverage of insurance specified herein are adequate to cover Lessee's property, business operations or obligations under this Lease.

8.5 **Insurance Policies.** Insurance required herein shall be by companies maintaining during the policy term a "General Policyholders Rating" of at least A-, VII, as set forth in the most current issue of "Best's Insurance Guide", or such other rating as may be required by a Lender. Lessee shall not do or permit to be done anything which invalidates the required insurance policies. Lessee shall, prior to the Start Date, deliver to Lessor certified copies of policies of such insurance or certificates with copies of the required endorsements evidencing the existence and amounts of the required insurance. No such policy shall be cancelable or subject to modification except after 30 days prior written notice to Lessor. Lessee shall, at least 10 days prior to the expiration of such policies, furnish Lessor with evidence of renewals or "insurance binders" evidencing renewal thereof, or Lessor may increase his liability insurance coverage and charge the cost thereof to Lessee, which amount shall be payable by Lessee to Lessor upon demand. Such policies shall be for a term of at least one year, or the length of the remaining term of this Lease, whichever is less. If either Party shall fail to procure and maintain the insurance required to be carried by it, the other Party may, but shall not be required to, procure and maintain the same.

8.6 **Waiver of Subrogation.** Without affecting any other rights or remedies, Lessee and Lessor each hereby release and relieve the other, and waive their entire right to recover damages against the other, for loss of or damage to its property arising out of or incident to the perils required to be insured against herein. The effect of such releases and waivers is not limited by the amount of insurance carried or required, or by any deductibles applicable hereto. The Parties agree to have their respective property damage insurance carriers waive any right to subrogation that such companies may have against Lessor or Lessee, as the case may be, so long as the insurance is not invalidated thereby.

8.7 **Indemnity.** Except for Lessor's gross negligence or willful misconduct, Lessee shall indemnify, protect, defend and hold harmless the Premises, Lessor and its agents, Lessor's master or ground lessor, partners and Lenders, from and against any and all claims, loss of rents and/or damages, liens, judgments, penalties, attorneys' and consultants' fees, expenses and/or liabilities arising out of, involving, or in connection with, a Breach of the Lease by Lessee and/or the use and/or occupancy of the Premises and/or Project by Lessee and/or by Lessee's employees, contractors or invitees. If any action or proceeding is brought against Lessor by reason of any of the foregoing matters, Lessee shall upon notice defend the same at Lessee's expense by counsel reasonably satisfactory to Lessor and Lessor shall cooperate with Lessee in such defense. Lessor need not have first paid any such claim in order to be defended or indemnified.

8.8 **Exemption of Lessor and its Agents from Liability.** Notwithstanding the negligence or breach of this Lease by Lessor or its agents, neither Lessor nor its agents shall be liable under any circumstances for: (i) injury or damage to the person or goods, wares, merchandise or other property of Lessee, Lessee's employees, contractors, invitees, customers, or any other person in or about the Premises, from any cause, (ii) any damages arising from any act or neglect of any other tenant of

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Lessor or from the failure of Lessor or its agents to enforce the provisions of any other lease in the Project, or (iii) injury to Lessee's business or for any loss of income or profit therefrom. Instead, it is intended that Lessee's sole recourse in the event of such damages or injury be to file a claim on the insurance policy(ies) that Lessee is required to maintain pursuant to the provisions of paragraph 8.

8.9 Failure to Provide Insurance. Lessee acknowledges that any failure on its part to obtain or maintain the insurance required herein will expose Lessor to risks and potentially cause Lessor to incur costs not contemplated by this Lease, the extent of which will be extremely difficult to ascertain. Accordingly, for any month or portion thereof that Lessee does not maintain the required insurance and/or does not provide Lessor with the required binders or certificates evidencing the existence of the required insurance, the Base Rent shall be automatically increased, without any requirement for notice to Lessee, by an amount equal to 10% of the then existing Base Rent or \$100, whichever is greater. The parties agree that such increase in Base Rent represents fair and reasonable compensation for the additional risk/costs that Lessor will incur by reason of Lessee's failure to maintain the required insurance. Such increase in Base Rent shall in no event constitute a waiver of Lessee's Default or Breach with respect to the failure to maintain such insurance, prevent the exercise of any of the other rights and remedies granted hereunder, nor relieve Lessee of its obligation to maintain the insurance specified in this Lease.

9. Damage or Destruction.

9.1 Insured Loss. If the improvements on the Premises are damaged and such damage is an Insured Loss, then Lessor shall, at Lessor's expense, repair such damage (but not Lessee's Trade Fixtures or Lessee Owned Alterations and Utility Installations) as soon as reasonably possible and this Lease shall continue in full force and effect; provided, however, that Lessee shall, at Lessor's election, make the repair of any damage or destruction the total cost to repair of which is \$10,000 or less, and, in such event, Lessor shall make any applicable insurance proceeds available to Lessee on a reasonable basis for that purpose. Notwithstanding the foregoing, if the required insurance was not in force or the insurance proceeds are not sufficient to effect such repair, the Insuring Party shall promptly contribute the shortage in proceeds (except as to the deductible which is Lessee's responsibility) as and when required to complete said repairs. In the event, however, such shortage was due to the fact that, by reason of the unique nature of the improvements, full replacement cost insurance coverage was not commercially reasonable and available, Lessor shall have no obligation to pay for the shortage in insurance proceeds or to fully restore the unique aspects of the Premises.

9.2 Uninsured Loss. If the improvements on the Premises are damaged and such damage is not an Insured Loss, unless caused by a negligent or willful act of Lessee (in which event Lessee shall make the repairs at Lessee's expense), Lessor may either: (i) repair such damage as soon as reasonably possible at Lessor's expense, in which event this Lease shall continue in full force and effect, or (ii) terminate this Lease by giving written notice to Lessee within 30 days after receipt by Lessor of knowledge of the occurrence of such damage. Such termination shall be effective 60 days following the date of such notice.

9.3 Abatement of Rent; Lessee's Remedies.

(a) **Abatement.** In the event the improvements on the Premises are damaged or a Hazardous Substance Condition for which Lessee is not responsible under this Lease occurs ('Hazardous Substance Condition' shall mean the occurrence or discovery of a condition involving the presence of, or a contamination by, a Hazardous Substance on or under the Premises which requires remediation), the Rent payable by Lessee for the period required for the repair, remediation or restoration of such damage shall be abated in proportion to the degree to which Lessee's use of the Premises is impaired, but not to exceed the proceeds received from the Rental Value insurance. All other obligations of Lessee hereunder shall be performed by Lessee, and Lessor shall have no liability for any such damage, destruction, remediation, repair or restoration except as provided herein.

(b) **Remedies.** If Lessor is obligated to repair or restore the Premises and does not commence, in a substantial and meaningful way, such repair or restoration within 90 days after such obligation shall accrue, Lessee may, at any time prior to the commencement of such repair or restoration, give written notice to Lessor and to any Lenders of which Lessee has actual notice, of Lessee's election to terminate this Lease on a date not less than 60 days following the giving of such notice. If Lessee gives such notice and such repair or restoration is not commenced within 30 days thereafter, this Lease shall terminate as of the date specified in said notice. If the repair or restoration is commenced within such 30 days, this Lease shall continue in full force and effect. "Commence" shall mean either the unconditional authorization of the preparation of the required plans, or the beginning of the actual work on the Premises, whichever first occurs.

9.4 Termination; Advance Payments. Upon termination of this Lease pursuant to Paragraph 6.2(g) or Paragraph 9, an equitable adjustment shall be made concerning advance Base Rent and any other advance payments made by Lessee to Lessor. Lessor shall, in addition, return to Lessee so much of Lessee's Security Deposit as has not been, or is not then required to be, used by Lessor.

9.5 Waive Statutes. Lessor and Lessee agree that the terms of this Lease shall govern the effect of any damage to or destruction of the Premises with respect to the termination of this Lease and hereby waive the provisions of any present or future statute to the extent inconsistent herewith.

10. Real Property Taxes.

10.1 Definition. As used herein, the term "Real Property Taxes" shall include any form of assessment; real estate, general, special, ordinary or extraordinary, or rental levy or tax (other than inheritance, personal income or estate taxes); improvement bond; and/or license fee imposed upon or levied against any legal or equitable interest of Lessor in the Premises or the Project, Lessor's right to other income therefrom, and/or Lessor's business of leasing, by any authority having the direct or indirect power to tax and where the funds are generated with reference to the Building address. Real Property Taxes shall also include any tax, fee, levy, assessment or charge, or any increase therein: (i) imposed by reason of events occurring during the term of this Lease, including but not limited to, a change in the ownership of the Premises, and (ii) levied or assessed on machinery or equipment provided by Lessor to Lessee pursuant to this Lease.

10.2 Payment of Taxes. Lessor shall pay the Real Property Taxes applicable to the Premises provided, however, that Lessee shall pay to Lessor the amount, if any, by which Real Property Taxes applicable to the Premises increase over the fiscal tax year during which the Commencement Date Occurs ("Tax Increase"). Payment of any such Tax Increase shall be made by Lessee to Lessor within 30 days after receipt of Lessor's written statement setting forth the amount due and computation thereof. If any such taxes shall cover any period of time prior to or after the expiration or termination of this Lease, Lessee's share of such taxes shall be prorated to cover only that portion of the tax bill applicable to the period that this Lease is in effect. In the event Lessee incurs a late charge on any Rent payment, Lessor may estimate the current Real Property Taxes, and require that the Tax Increase be paid in advance to Lessor by Lessee monthly in advance with the payment of the Base Rent. Such monthly payment shall be an amount equal to the amount of the estimated installment of the Tax Increase divided by the number of months remaining before the month in which said installment becomes delinquent. When the actual amount of the applicable Tax Increase is known, the amount of such equal monthly advance payments shall be adjusted as required to provide the funds needed to pay the applicable Tax Increase. If the amount collected by Lessor is insufficient to pay the Tax Increase when due, Lessee shall pay Lessor, upon demand, such additional sums as are necessary to pay such obligations. Advance payments may be intermingled with other moneys of Lessor and shall not bear interest. In the event of a Breach by Lessee in the performance of its obligations under this Lease, then any such advance payments may be treated by Lessor as an additional Security Deposit.

10.3 Additional Improvements. Notwithstanding anything to the contrary in this Paragraph 10.2, Lessee shall pay to Lessor upon demand therefor the entirety of any increase in Real Property Taxes assessed by reason of Alterations or Utility Installations placed upon the Premises by Lessee or at Lessee's request or by reason of any alterations or improvements to the Premises made by Lessor subsequent to the execution of this Lease by the Parties.

10.4 Joint Assessment. If the Premises are not separately assessed, Lessee's liability shall be an equitable proportion of the Tax Increase for all of the land and improvements included within the tax parcel assessed, such proportion to be conclusively determined by Lessor from the respective valuations assigned in the assessor's work sheets or such other information as may be reasonably available.

10.5 Personal Property Taxes. Lessee shall pay, prior to delinquency, all taxes assessed against and levied upon Lessee Owned Alterations, Utility Installations, Trade Fixtures, furnishings, equipment and all personal property of Lessee. When possible, Lessee shall cause its Lessee Owned Alterations and Utility Installations, Trade Fixtures, furnishings, equipment and all other personal property to be assessed and billed separately from the real property of Lessor. If any of Lessee's said property shall be assessed with Lessor's real property, Lessee shall pay Lessor the taxes attributable to Lessee's property within 10 days after receipt of a written statement setting forth the taxes applicable to Lessee's property.

11. Utilities and Services. Lessee shall pay for all water, gas, heat, light, power, telephone, trash disposal and other utilities and services supplied to the Premises, together with any taxes thereon. If any such services are not separately metered or billed to Lessee, Lessee shall pay a reasonable proportion, to be determined by Lessor, of all charges jointly metered or billed. There shall be no abatement of rent and Lessor shall not be liable in any respect whatsoever for the inadequacy, stoppage, interruption or discontinuance of any utility or service due to riot, strike, labor dispute, breakdown, accident, repair or other cause beyond Lessor's reasonable control or in cooperation with governmental request or directions.

12. Assignment and Subletting.

12.1 Lessor's Consent Required.

(a) Lessee shall not voluntarily or by operation of law assign, transfer, mortgage or encumber (collectively, "assign or assignment") or sublet all or any part of Lessee's interest in this Lease or in the Premises without Lessor's prior written consent.

(b) Unless Lessee is a corporation and its stock is publicly traded on a national stock exchange, a change in the control of Lessee shall constitute an assignment requiring consent. The transfer, on a cumulative basis, of 25% or more of the voting control of Lessee shall constitute a change in control for this purpose.

(c) The involvement of Lessee or its assets in any transaction, or series of transactions (by way of merger, sale, acquisition, financing, transfer, leveraged buy-out or otherwise), whether or not a formal assignment or hypothecation of this Lease or Lessee's assets occurs, which results or will result in a reduction of the Net Worth of Lessee by an amount greater than 25% of such Net Worth as it was represented at the time of the execution of this Lease or at the time of the most recent assignment to which Lessor has consented, or as it exists immediately prior to said transaction or transactions constituting such reduction, whichever was or is greater, shall be considered an assignment of this Lease to which Lessor may withhold its consent. "Net Worth of Lessee" shall mean the net worth of Lessee.

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(excluding any guarantors) established under generally accepted accounting principles.

(d) An assignment or subletting without consent shall, at Lessor's option, be a Default curable after notice per Paragraph 13.1(d), or a noncurable Breach without the necessity of any notice and grace period. If Lessor elects to treat such unapproved assignment or subletting as a noncurable Breach, Lessor may either: (i) terminate this Lease, or (ii) upon 30 days written notice, increase the monthly Base Rent to 110% of the Base Rent then in effect. Further, in the event of such Breach and rental adjustment, (i) the purchase price of any option to purchase the Premises held by Lessee shall be subject to similar adjustment to 110% of the price previously in effect, and (ii) all fixed and non-fixed rental adjustments scheduled during the remainder of the Lease term shall be increased to 110% of the scheduled adjusted rent.

(e) Lessee's remedy for any breach of Paragraph 12.1 by Lessor shall be limited to compensatory damages and/or injunctive relief.

(f) Lessor may reasonably withhold consent to a proposed assignment or subletting if Lessee is in Default at the time consent is requested.

(g) Notwithstanding the foregoing, allowing a de minimis portion of the Premises, i.e. 20 square feet or less, to be used by a third-party vendor in connection with the installation of a vending machine or payphone shall not constitute a subletting.

12.2 Terms and Conditions Applicable to Assignment and Subletting.

(a) Regardless of Lessor's consent, no assignment or subletting shall: (i) be effective without the express written assumption by such assignee or sublessee of the obligations of Lessee under this Lease, (ii) release Lessee of any obligations hereunder, or (iii) alter the primary liability of Lessee for the payment of Rent or for the performance of any other obligations to be performed by Lessee.

(b) Lessor may accept Rent or performance of Lessee's obligations from any person other than Lessee pending approval or disapproval of an assignment. Neither a delay in the approval or disapproval of such assignment nor the acceptance of Rent or performance shall constitute a waiver or estoppel of Lessor's right to exercise its remedies for Lessee's Default or Breach.

(c) Lessor's consent to any assignment or subletting shall not constitute a consent to any subsequent assignment or subletting.

(d) In the event of any Default or Breach by Lessee, Lessor may proceed directly against Lessee, any Guarantors or anyone else responsible for the performance of Lessee's obligations under this Lease, including any assignee or sublessee, without first exhausting Lessor's remedies against any other person or entity responsible therefor to Lessor, or any security held by Lessor.

(e) Each request for consent to an assignment or subletting shall be in writing, accompanied by information relevant to Lessor's determination as to the financial and operational responsibility and appropriateness of the proposed assignee or sublessee, including but not limited to the intended use and/or required modification of the Premises, if any, together with a fee of \$500 as consideration for Lessor's considering and processing said request. Lessee agrees to provide Lessor with such other or additional information and/or documentation as may be reasonably requested. (See also Paragraph 35)

(f) Any assignee of, or sublessee under, this Lease shall, by reason of accepting such assignment, entering into such sublease, or entering into possession of the Premises or any portion thereof, be deemed to have assumed and agreed to conform and comply with each and every term, covenant, condition and obligation herein to be observed or performed by Lessee during the term of said assignment or sublease, other than such obligations as are contrary to or inconsistent with provisions of an assignment or sublease to which Lessor has specifically consented to in writing.

(g) Lessor's consent to any assignment or subletting shall not transfer to the assignee or sublessee any Option granted to the original Lessee by this Lease unless such transfer is specifically consented to by Lessor in writing. (See Paragraph 39.2)

12.3 Additional Terms and Conditions Applicable to Subletting. The following terms and conditions shall apply to any subletting by Lessee of all or any part of the Premises and shall be deemed included in all subleases under this Lease whether or not expressly incorporated therein:

(a) Lessee hereby assigns and transfers to Lessor all of Lessee's interest in all Rent payable on any sublease, and Lessor may collect such Rent and apply same toward Lessee's obligations under this Lease; provided, however, that until a Breach shall occur in the performance of Lessee's obligations, Lessee may collect said Rent. In the event that the amount collected by Lessor exceeds Lessee's then outstanding obligations any such excess shall be refunded to Lessee. Lessor shall not, by reason of the foregoing or any assignment of such sublease, nor by reason of the collection of Rent, be deemed liable to the sublessee for any failure of Lessee to perform and comply with any of Lessee's obligations to such sublessee. Lessee hereby irrevocably authorizes and directs any such sublessee, upon receipt of a written notice from Lessor stating that a Breach exists in the performance of Lessee's obligations under this Lease, to pay to Lessor all Rent due and to become due under the sublease. Sublessee shall rely upon any such notice from Lessor and shall pay all Rents to Lessor without any obligation or right to inquire as to whether such Breach exists, notwithstanding any claim from Lessee to the contrary.

(b) In the event of a Breach by Lessee, Lessor may, at its option, require sublessee to attorn to Lessor, in which event Lessor shall undertake the obligations of the sublessor under such sublease from the time of the exercise of said option to the expiration of such sublease; provided, however, Lessor shall not be liable for any prepaid rents or security deposit paid by such sublessee to such sublessor or for any prior Defaults or Breaches of such sublessor.

(c) Any matter requiring the consent of the sublessor under a sublease shall also require the consent of Lessor.

(d) No sublessee shall further assign or sublet all or any part of the Premises without Lessor's prior written consent.

(e) Lessor shall deliver a copy of any notice of Default or Breach by Lessee to the sublessee, who shall have the right to cure the Default of Lessee within the grace period, if any, specified in such notice. The sublessee shall have a right of reimbursement and offset from and against Lessee for any such Defaults cured by the sublessee.

13. Default; Breach; Remedies.

13.1 Default; Breach. A "Default" is defined as a failure by the Lessee to comply with or perform any of the terms, covenants, conditions or Rules and Regulations under this Lease. A "Breach" is defined as the occurrence of one or more of the following Defaults, and the failure of Lessee to cure such Default within any applicable grace period:

(a) The abandonment of the Premises; or the vacating of the Premises without providing a commercially reasonable level of security, or where the coverage of the property insurance described in Paragraph 8.3 is jeopardized as a result thereof, or without providing reasonable assurances to minimize potential vandalism.

(b) The failure of Lessee to make any payment of Rent or any Security Deposit required to be made by Lessee hereunder, whether to Lessor or to a third party, when due, to provide reasonable evidence of insurance or surety bond, or to fulfill any obligation under this Lease which endangers or threatens life or property, where such failure continues for a period of 3 business days following written notice to Lessee. THE ACCEPTANCE BY LESSOR OF A PARTIAL PAYMENT OF RENT OR SECURITY DEPOSIT SHALL NOT CONSTITUTE A WAIVER OF ANY OF LESSOR'S RIGHTS, INCLUDING LESSOR'S RIGHT TO RECOVER POSSESSION OF THE PREMISES.

(c) The failure of Lessee to allow Lessor and/or its agents access to the Premises or the commission of waste, act or acts constituting public or private nuisance, and/or an illegal activity on the Premises by Lessee, where such actions continue for a period of 3 business days following written notice to Lessee. In the event that Lessee commits waste, a nuisance or an illegal activity a second time then, the Lessor may elect to treat such conduct as a non-curable Breach rather than a Default.

(d) The failure by Lessee to provide (i) reasonable written evidence of compliance with Applicable Requirements, (ii) the service contracts, (iii) the rescission of an unauthorized assignment or subletting, (iv) an Estoppel Certificate or financial statements, (v) a requested subordination, (vi) evidence concerning any guaranty and/or Guarantor, (vii) any document requested under Paragraph 42, (viii) material safety data sheets (MSDS), or (ix) any other documentation or information which Lessor may reasonably require of Lessee under the terms of this Lease, where any such failure continues for a period of 10 days following written notice to Lessee.

(e) A Default by Lessee as to the terms, covenants, conditions or provisions of this Lease, or of the rules adopted under Paragraph 40 hereof, other than those described in subparagraphs 13.1(a), (b), (c) or (d), above, where such Default continues for a period of 30 days after written notice; provided, however, that if the nature of Lessee's Default is such that more than 30 days are reasonably required for its cure, then it shall not be deemed to be a Breach if Lessee commences such cure within said 30 day period and thereafter diligently prosecutes such cure to completion.

(f) The occurrence of any of the following events: (i) the making of any general arrangement or assignment for the benefit of creditors; (ii) becoming a "debtor" as defined in 11 U.S.C. § 101 or any successor statute thereto (unless, in the case of a petition filed against Lessee, the same is dismissed within 60 days); (iii) the appointment of a trustee or receiver to take possession of substantially all of Lessee's assets located at the Premises or of Lessee's interest in this Lease, where possession is not restored to Lessee within 30 days; or (iv) the attachment, execution or other judicial seizure of substantially all of Lessee's assets located at the Premises or of Lessee's interest in this Lease, where such seizure is not discharged within 30 days; provided, however, in the event that any provision of this subparagraph is contrary to any applicable law, such provision shall be of no force or effect, and not affect the validity of the remaining provisions.

(g) The discovery that any financial statement of Lessee or of any Guarantor given to Lessor was materially false.

(h) If the performance of Lessee's obligations under this Lease is guaranteed: (i) the death of a Guarantor, (ii) the termination of a Guarantor's liability with respect to this Lease other than in accordance with the terms of such guaranty, (iii) a Guarantor's becoming insolvent or the subject of a bankruptcy filing, (iv) a Guarantor's refusal to honor the guaranty, or (v) a Guarantor's breach of its guaranty obligation on an anticipatory basis, and Lessee's failure, within 60 days following written notice of any such event, to provide written alternative assurance or security, which, when coupled with the then existing resources of Lessee, equals or exceeds the combined financial resources of Lessee and the Guarantors that existed at the time of execution of this Lease.

13.2 Remedies. If Lessee fails to perform any of its affirmative duties or obligations, within 10 days after written notice (or in case of an emergency, without notice), Lessor may, at its option, perform such duty or obligation on Lessee's behalf, including but not limited to the obtaining of reasonably required bonds, insurance policies, or governmental licenses, permits or approvals. Lessee shall pay to Lessor an amount equal to 115% of the costs and expenses incurred by Lessor

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in such performance upon receipt of an invoice therefor. In the event of a Breach, Lessor may, with or without further notice or demand, and without limiting Lessor in the exercise of any right or remedy which Lessor may have by reason of such Breach:

(a) Terminate Lessee's right to possession of the Premises by any lawful means, in which case this Lease shall terminate and Lessee shall immediately surrender possession to Lessor. In such event Lessor shall be entitled to recover from Lessee: (i) the unpaid Rent which had been earned at the time of termination; (ii) the worth at the time of award of the amount by which the unpaid rent which would have been earned after termination until the time of award exceeds the amount of such rental loss that the Lessee proves could have been reasonably avoided; (iii) the worth at the time of award of the amount by which the unpaid rent for the balance of the term after the time of award exceeds the amount of such rental loss that the Lessee proves could be reasonably avoided; and (iv) any other amount necessary to compensate Lessor for all the detriment proximately caused by the Lessee's failure to perform its obligations under this Lease or which in the ordinary course of things would be likely to result therefrom, including but not limited to the cost of recovering possession of the Premises, expenses of reletting, including necessary renovation and alteration of the Premises, reasonable attorneys' fees, and that portion of any leasing commission paid by Lessor in connection with this Lease applicable to the unexpired term of this Lease. The worth at the time of award of the amount referred to in provision (iii) of the immediately preceding sentence shall be computed by discounting such amount at the discount rate of the Federal Reserve Bank of the District within which the Premises are located at the time of award plus one percent. Efforts by Lessor to mitigate damages caused by Lessee's Breach of this Lease shall not waive Lessor's right to recover any damages to which Lessor is otherwise entitled. If termination of this Lease is obtained through the provisional remedy of unlawful detainer, Lessor shall have the right to recover in such proceeding any unpaid Rent and damages as are recoverable therein, or Lessor may reserve the right to recover all or any part thereof in a separate suit. If a notice and grace period required under Paragraph 13.1 was not previously given, a notice to pay rent or quit, or to perform or quit given to Lessee under the unlawful detainer statute shall also constitute the notice required by Paragraph 13.1. In such case, the applicable grace period required by Paragraph 13.1 and the unlawful detainer statute shall run concurrently, and the failure of Lessee to cure the Default within the greater of the two such grace periods shall constitute both an unlawful detainer and a Breach of this Lease entitling Lessor to the remedies provided for in this Lease and/or by said statute.

(b) Continue the Lease and Lessee's right to possession and recover the Rent as it becomes due, in which event Lessee may sublet or assign, subject only to reasonable limitations. Acts of maintenance, efforts to relet, and/or the appointment of a receiver to protect the Lessor's interests, shall not constitute a termination of the Lessee's right to possession.

(c) Pursue any other remedy now or hereafter available under the laws or judicial decisions of the state wherein the Premises are located. The expiration or termination of this Lease and/or the termination of Lessee's right to possession shall not relieve Lessee from liability under any indemnity provisions of this Lease as to matters occurring or accruing during the term hereof or by reason of Lessee's occupancy of the Premises.

13.3 Inducement Recapture. Any agreement for free or abated rent or other charges, the cost of tenant improvements for Lessee paid for or performed by Lessor, or for the giving or paying by Lessor to or for Lessee of any cash or other bonus, inducement or consideration for Lessee's entering into this Lease, all of which concessions are hereinafter referred to as "**Inducement Provisions**," shall be deemed conditioned upon Lessee's full and faithful performance of all of the terms, covenants and conditions of this Lease. Upon Breach of this Lease by Lessee, any such Inducement Provision shall automatically be deemed deleted from this Lease and of no further force or effect, and any rent, other charge, bonus, inducement or consideration theretofore abated, given or paid by Lessor under such an Inducement Provision shall be immediately due and payable by Lessee to Lessor, notwithstanding any subsequent cure of said Breach by Lessee. The acceptance by Lessor of rent or the cure of the Breach which initiated the operation of this paragraph shall not be deemed a waiver by Lessor of the provisions of this paragraph unless specifically so stated in writing by Lessor at the time of such acceptance.

13.4 Late Charges. Lessee hereby acknowledges that late payment by Lessee of Rent will cause Lessor to incur costs not contemplated by this Lease, the exact amount of which will be extremely difficult to ascertain. Such costs include, but are not limited to, processing and accounting charges, and late charges which may be imposed upon Lessor by any Lender. Accordingly, if any Rent shall not be received by Lessor within 5 days after such amount shall be due, then, without any requirement for notice to Lessee, Lessee shall immediately pay to Lessor a one-time late charge equal to 10% of each such overdue amount or \$100, whichever is greater. The Parties hereby agree that such late charge represents a fair and reasonable estimate of the costs Lessor will incur by reason of such late payment. Acceptance of such late charge by Lessor shall in no event constitute a waiver of Lessee's Default or Breach with respect to such overdue amount, nor prevent the exercise of any of the other rights and remedies granted hereunder. In the event that a late charge is payable hereunder, whether or not collected, for 3 consecutive installments of Base Rent, then notwithstanding any provision of this Lease to the contrary, Base Rent shall, at Lessor's option, become due and payable quarterly in advance.

13.5 Interest. Any monetary payment due Lessor hereunder, other than late charges, not received by Lessor, when due shall bear interest from the 31st day after it was due. The interest ("**Interest**") charged shall be computed at the rate of 10% per annum but shall not exceed the maximum rate allowed by law. Interest is payable in addition to the potential late charge provided for in Paragraph 13.4.

13.6 Breach by Lessor.

(a) **Notice of Breach.** Lessor shall not be deemed in breach of this Lease unless Lessor fails within a reasonable time to perform an obligation required to be performed by Lessor. For purposes of this Paragraph, a reasonable time shall in no event be less than 30 days after receipt by Lessor, and any Lender whose name and address shall have been furnished to Lessee in writing for such purpose, of written notice specifying wherein such obligation of Lessor has not been performed; provided, however, that if the nature of Lessor's obligation is such that more than 30 days are reasonably required for its performance, then Lessor shall not be in breach if performance is commenced within such 30 day period and thereafter diligently pursued to completion.

(b) **Performance by Lessee on Behalf of Lessor.** In the event that neither Lessor nor Lender cures said breach within 30 days after receipt of said notice, or if having commenced said cure they do not diligently pursue it to completion, then Lessee may elect to cure said breach at Lessee's expense and offset from Rent the actual and reasonable cost to perform such cure, provided however, that such offset shall not exceed an amount equal to the greater of one month's Base Rent or the Security Deposit, reserving Lessee's right to seek reimbursement from Lessor for any such expense in excess of such offset. Lessee shall document the cost of said cure and supply said documentation to Lessor.

14. Condemnation. If the Premises or any portion thereof are taken under the power of eminent domain or sold under the threat of the exercise of said power (collectively "**Condemnation**"), this Lease shall terminate as to the part taken as of the date the condemning authority takes title or possession, whichever first occurs. If more than 25% of the Premises, is taken by Condemnation, Lessee may, at Lessee's option, to be exercised in writing within 10 days after Lessor shall have given Lessee written notice of such taking (or in the absence of such notice, within 10 days after the condemning authority shall have taken possession) terminate this Lease as of the date the condemning authority takes such possession. If Lessee does not terminate this Lease in accordance with the foregoing, this Lease shall remain in full force and effect as to the portion of the Premises remaining, except that the Base Rent shall be reduced in proportion to the reduction in utility of the Premises caused by such Condemnation. Condemnation awards and/or payments shall be the property of Lessor, whether such award shall be made as compensation for diminution in value of the leasehold, the value of the part taken, or for severance damages; provided, however, that Lessee shall be entitled to any compensation paid by the condemnor for Lessee's relocation expenses, loss of business goodwill and/or Trade Fixtures, without regard to whether or not this Lease is terminated pursuant to the provisions of this Paragraph. All Alterations and Utility Installations made to the Premises by Lessee, for purposes of Condemnation only, shall be considered the property of the Lessee and Lessee shall be entitled to any and all compensation which is payable therefor. In the event that this Lease is not terminated by reason of the Condemnation, Lessor shall repair any damage to the Premises caused by such Condemnation.

15. Brokerage Fees.

~~15.1 Additional Commission. In addition to the payments owed pursuant to Paragraph 1.9 above, Lessor agrees that: (a) if Lessee exercises any Option, (b) if Lessee or anyone affiliated with Lessee acquires any rights to the Premises or other premises owned by Lessor and located within the same Project, if any, within which the Premises is located, (c) if Lessee remains in possession of the Premises, with the consent of Lessor, after the expiration of this Lease, or (d) if Base Rent is increased, whether by agreement or operation of an escalation clause herein, then Lessor shall pay Brokers a fee in accordance with the fee schedule of the Brokers in effect at the time the Lease was executed.~~

15.2 Assumption of Obligations. Any buyer or transferee of Lessor's interest in this Lease shall be deemed to have assumed Lessor's obligation hereunder. Brokers shall be third party beneficiaries of the provisions of Paragraphs 1.9, 15, 22 and 31. If Lessor fails to pay to Brokers any amounts due as and for brokerage fees pertaining to this Lease when due, then such amounts shall accrue interest. In addition, if Lessor fails to pay any amounts to Lessee's Broker when due, Lessee's Broker may send written notice to Lessor and Lessee of such failure and if Lessor fails to pay such amounts within 10 days after said notice, Lessee shall pay said monies to its Broker and offset such amounts against Rent. In addition, Lessee's Broker shall be deemed to be a third party beneficiary of any commission agreement entered into by and/or between Lessor and Lessor's Broker for the limited purpose of collecting any brokerage fee owed.

15.3 Representations and Indemnities of Broker Relationships. Lessee and Lessor each represent and warrant to the other that it has had no dealings with any person, firm, broker or finder (other than the Brokers, if any) in connection with this Lease, and that no one other than said named Brokers is entitled to any commission or finder's fee in connection herewith. Lessee and Lessor do each hereby agree to indemnify, protect, defend and hold the other harmless from and against liability for compensation or charges which may be claimed by any such unnamed broker, finder or other similar party by reason of any dealings or actions of the indemnifying Party, including any costs, expenses, attorneys' fees reasonably incurred with respect thereto.

16. Estoppel Certificates.

(a) Each Party (as "**Responding Party**") shall within 10 days after written notice from the other Party (the "**Requesting Party**") execute, acknowledge and deliver to the Requesting Party a statement in writing in form similar to the then most current "**Estoppel Certificate**" form published BY AIR CRE, plus such additional information, confirmation and/or statements as may be reasonably requested by the Requesting Party.

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(b) If the Responding Party shall fail to execute or deliver the Estoppel Certificate within such 10 day period, the Requesting Party may execute an Estoppel Certificate stating that: (i) the Lease is in full force and effect without modification except as may be represented by the Requesting Party, (ii) there are no uncured defaults in the Requesting Party's performance, and (iii) if Lessor is the Requesting Party, not more than one month's rent has been paid in advance. Prospective purchasers and encumbrancers may rely upon the Requesting Party's Estoppel Certificate, and the Responding Party shall be estopped from denying the truth of the facts contained in said Certificate. In addition, Lessee acknowledges that any failure on its part to provide such an Estoppel Certificate will expose Lessor to risks and potentially cause Lessor to incur costs not contemplated by this Lease, the extent of which will be extremely difficult to ascertain. Accordingly, should the Lessee fail to execute and/or deliver a requested Estoppel Certificate in a timely fashion the monthly Base Rent shall be automatically increased, without any requirement for notice to Lessee, by an amount equal to 10% of the then existing Base Rent or \$100, whichever is greater for remainder of the Lease. The Parties agree that such increase in Base Rent represents fair and reasonable compensation for the additional risk/costs that Lessor will incur by reason of Lessee's failure to provide the Estoppel Certificate. Such increase in Base Rent shall in no event constitute a waiver of Lessee's Default or Breach with respect to the failure to provide the Estoppel Certificate nor prevent the exercise of any of the other rights and remedies granted hereunder.

(c) If Lessor desires to finance, refinance, or sell the Premises, or any part thereof, Lessee and all Guarantors shall within 10 days after written notice from Lessor deliver to any potential lender or purchaser designated by Lessor such financial statements as may be reasonably required by such lender or purchaser, including but not limited to Lessee's financial statements for the past 3 years. All such financial statements shall be received by Lessor and such lender or purchaser in confidence and shall be used only for the purposes herein set forth.

17. Definition of Lessor. The term "Lessor" as used herein shall mean the owner or owners at the time in question of the fee title to the Premises, or, if this is a sublease, of the Lessee's interest in the prior lease. In the event of a transfer of Lessor's title or interest in the Premises or this Lease, Lessor shall deliver to the transferee or assignee (in cash or by credit) any unused Security Deposit held by Lessor. Upon such transfer or assignment and delivery of the Security Deposit, as aforesaid, the prior Lessor shall be relieved of all liability with respect to the obligations and/or covenants under this Lease thereafter to be performed by the Lessor. Subject to the foregoing, the obligations and/or covenants in this Lease to be performed by the Lessor shall be binding only upon the Lessor as hereinabove defined.

18. Severability. The invalidity of any provision of this Lease, as determined by a court of competent jurisdiction, shall in no way affect the validity of any other provision hereof.

19. Days. Unless otherwise specifically indicated to the contrary, the word "days" as used in this Lease shall mean and refer to calendar days.

20. Limitation on Liability. The obligations of Lessor under this Lease shall not constitute personal obligations of Lessor, or its partners, members, directors, officers or shareholders, and Lessee shall look to the Premises, and to no other assets of Lessor, for the satisfaction of any liability of Lessor with respect to this Lease, and shall not seek recourse against Lessor's partners, members, directors, officers or shareholders, or any of their personal assets for such satisfaction.

21. Time of Essence. Time is of the essence with respect to the performance of all obligations to be performed or observed by the Parties under this Lease.

22. No Prior or Other Agreements; Broker Disclaimer. This Lease contains all agreements between the Parties with respect to any matter mentioned herein, and no other prior or contemporaneous agreement or understanding shall be effective. Lessor and Lessee each represents and warrants to the Brokers that it has made, and is relying solely upon, its own investigation as to the nature, quality, character and financial responsibility of the other Party to this Lease and as to the use, nature, quality and character of the Premises. Brokers have no responsibility with respect thereto or with respect to any default or breach hereof by either Party.

23. Notices.

23.1 Notice Requirements. All notices required or permitted by this Lease or applicable law shall be in writing and may be delivered in person (by hand or by courier) or may be sent by regular, certified or registered mail or U.S. Postal Service Express Mail, with postage prepaid, or by facsimile transmission, or by email, and shall be deemed sufficiently given if served in a manner specified in this Paragraph 23. The addresses noted adjacent to a Party's signature on this Lease shall be that Party's address for delivery or mailing of notices. Either Party may by written notice to the other specify a different address for notice, except that upon Lessee's taking possession of the Premises, the Premises shall constitute Lessee's address for notice. A copy of all notices to Lessor shall be concurrently transmitted to such party or parties at such addresses as Lessor may from time to time hereafter designate in writing.

23.2 Date of Notice. Any notice sent by registered or certified mail, return receipt requested, shall be deemed given on the date of delivery shown on the receipt card, or if no delivery date is shown, the postmark thereon. If sent by regular mail the notice shall be deemed given 72 hours after the same is addressed as required herein and mailed with postage prepaid. Notices delivered by United States Express Mail or overnight courier that guarantees next day delivery shall be deemed given 24 hours after delivery of the same to the Postal Service or courier. Notices delivered by hand, or transmitted by facsimile transmission or by email shall be deemed delivered upon actual receipt. If notice is received on a Saturday, Sunday or legal holiday, it shall be deemed received on the next business day.

24. Waivers.

(a) No waiver by Lessor of the Default or Breach of any term, covenant or condition hereof by Lessee, shall be deemed a waiver of any other term, covenant or condition hereof, or of any subsequent Default or Breach by Lessee of the same or of any other term, covenant or condition hereof. Lessor's consent to, or approval of, any act shall not be deemed to render unnecessary the obtaining of Lessor's consent to, or approval of, any subsequent or similar act by Lessee, or be construed as the basis of an estoppel to enforce the provision or provisions of this Lease requiring such consent.

(b) The acceptance of Rent by Lessor shall not be a waiver of any Default or Breach by Lessee. Any payment by Lessee may be accepted by Lessor on account of monies or damages due Lessor, notwithstanding any qualifying statements or conditions made by Lessee in connection therewith, which such statements and/or conditions shall be of no force or effect whatsoever unless specifically agreed to in writing by Lessor at or before the time of deposit of such payment.

(c) THE PARTIES AGREE THAT THE TERMS OF THIS LEASE SHALL GOVERN WITH REGARD TO ALL MATTERS RELATED THERETO AND HEREBY WAIVE THE PROVISIONS OF ANY PRESENT OR FUTURE STATUTE TO THE EXTENT THAT SUCH STATUTE IS INCONSISTENT WITH THIS LEASE.

25. Disclosures Regarding The Nature of a Real Estate Agency Relationship.

(a) When entering into a discussion with a real estate agent regarding a real estate transaction, a Lessor or Lessee should from the outset understand what type of agency relationship or representation it has with the agent or agents in the transaction. Lessor and Lessee acknowledge being advised by the Brokers in this transaction, as follows:

(i) Lessor's Agent. A Lessor's agent under a listing agreement with the Lessor acts as the agent for the Lessor only. A Lessor's agent or subagent has the following affirmative obligations: To the Lessor: A fiduciary duty of utmost care, integrity, honesty, and loyalty in dealings with the Lessor. To the Lessee and the Lessor: (a) Diligent exercise of reasonable skills and care in performance of the agent's duties. (b) A duty of honest and fair dealing and good faith. (c) A duty to disclose all facts known to the agent materially affecting the value or desirability of the property that are not known to, or within the diligent attention and observation of, the Parties. An agent is not obligated to reveal to either Party any confidential information obtained from the other Party which does not involve the affirmative duties set forth above.

(ii) Lessee's Agent. An agent can agree to act as agent for the Lessee only. In these situations, the agent is not the Lessor's agent, even if by agreement the agent may receive compensation for services rendered, either in full or in part from the Lessor. An agent acting only for a Lessee has the following affirmative obligations. To the Lessee: A fiduciary duty of utmost care, integrity, honesty, and loyalty in dealings with the Lessee. To the Lessee and the Lessor: (a) Diligent exercise of reasonable skills and care in performance of the agent's duties. (b) A duty of honest and fair dealing and good faith. (c) A duty to disclose all facts known to the agent materially affecting the value or desirability of the property that are not known to, or within the diligent attention and observation of, the Parties. An agent is not obligated to reveal to either Party any confidential information obtained from the other Party which does not involve the affirmative duties set forth above.

(iii) Agent Representing Both Lessor and Lessee. A real estate agent, either acting directly or through one or more associate licenses, can legally be the agent of both the Lessor and the Lessee in a transaction, but only with the knowledge and consent of both the Lessor and the Lessee. In a dual agency situation, the agent has the following affirmative obligations to both the Lessor and the Lessee: (a) A fiduciary duty of utmost care, integrity, honesty and loyalty in the dealings with either Lessor or the Lessee. (b) Other duties to the Lessor and the Lessee as stated above in subparagraphs (i) or (ii). In representing both Lessor and Lessee, the agent may not without the express permission of the respective Party, disclose to the other Party that the Lessor will accept rent in an amount less than that indicated in the listing or that the Lessee is willing to pay a higher rent than that offered. The above duties of the agent in a real estate transaction do not relieve a Lessor or Lessee from the responsibility to protect their own interests. Lessor and Lessee should carefully read all agreements to assure that they adequately express their understanding of the transaction. A real estate agent is a person qualified to advise about real estate. If legal or tax advice is desired, consult a competent professional.

(b) Brokers have no responsibility with respect to any default or breach hereof by either Party. The Parties agree that no lawsuit or other legal proceeding involving any breach of duty, error or omission relating to this Lease may be brought against Broker more than one year after the Start Date and that the liability (including court costs and attorneys' fees), of any Broker with respect to any such lawsuit and/or legal proceeding shall not exceed the fee received by such Broker pursuant to this Lease; provided, however, that the foregoing limitation on each Broker's liability shall not be applicable to any gross negligence or willful misconduct of such Broker.

(c) Lessor and Lessee agree to identify to Brokers as "Confidential" any communication or information given Brokers that is considered by such Party to

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be confidential.

- 26. No Right To Holdover.** Lessee has no right to retain possession of the Premises or any part thereof beyond the expiration or termination of this Lease. In the event that Lessee holds over, then the Base Rent shall be increased to 150% of the Base Rent applicable immediately preceding the expiration or termination. Holdover Base Rent shall be calculated on monthly basis. Nothing contained herein shall be construed as consent by Lessor to any holding over by Lessee.
- 27. Cumulative Remedies.** No remedy or election hereunder shall be deemed exclusive but shall, wherever possible, be cumulative with all other remedies at law or in equity.
- 28. Covenants and Conditions; Construction of Agreement.** All provisions of this Lease to be observed or performed by Lessee are both covenants and conditions. In construing this Lease, all headings and titles are for the convenience of the Parties only and shall not be considered a part of this Lease. Whenever required by the context, the singular shall include the plural and vice versa. This Lease shall not be construed as if prepared by one of the Parties, but rather according to its fair meaning as a whole, as if both Parties had prepared it.
- 29. Binding Effect; Choice of Law.** This Lease shall be binding upon the Parties, their personal representatives, successors and assigns and be governed by the laws of the State in which the Premises are located. Any litigation between the Parties hereto concerning this Lease shall be initiated in the county in which the Premises are located.

30. Subordination; Attornment; Non-Disturbance.

30.1 Subordination. This Lease and any Option granted hereby shall be subject and subordinate to any ground lease, mortgage, deed of trust, or other hypothecation or security device (collectively, "Security Device"), now or hereafter placed upon the Premises, to any and all advances made on the security thereof, and to all renewals, modifications, and extensions thereof. Lessee agrees that the holders of any such Security Devices (in this Lease together referred to as "Lender") shall have no liability or obligation to perform any of the obligations of Lessor under this Lease. Any Lender may elect to have this Lease and/or any Option granted hereby superior to the lien of its Security Device by giving written notice thereof to Lessee, whereupon this Lease and such Options shall be deemed prior to such Security Device, notwithstanding the relative dates of the documentation or recordation thereof.

30.2 Attornment. In the event that Lessor transfers title to the Premises, or the Premises are acquired by another upon the foreclosure or termination of a Security Device to which this Lease is subordinated (i) Lessee shall, subject to the non-disturbance provisions of Paragraph 30.3, attorn to such new owner, and upon request, enter into a new lease, containing all of the terms and provisions of this Lease, with such new owner for the remainder of the term hereof, or, at the election of the new owner, this Lease will automatically become a new lease between Lessee and such new owner, and (ii) Lessor shall thereafter be relieved of any further obligations hereunder and such new owner shall assume all of Lessor's obligations, except that such new owner shall not: (a) be liable for any act or omission of any prior lessor or with respect to events occurring prior to acquisition of ownership; (b) be subject to any offsets or defenses which Lessee might have against any prior lessor, (c) be bound by prepayment of more than one month's rent, or (d) be liable for the return of any security deposit paid to any prior lessor which was not paid or credited to such new owner.

30.3 Non-Disturbance. With respect to Security Devices entered into by Lessor after the execution of this Lease, Lessee's subordination of this Lease shall be subject to receiving a commercially reasonable non-disturbance agreement (a "Non-Disturbance Agreement") from the Lender which Non-Disturbance Agreement provides that Lessee's possession of the Premises, and this Lease, including any options to extend the term hereof, will not be disturbed so long as Lessee is not in Breach hereof and attorns to the record owner of the Premises.

30.4 Self-Executing. The agreements contained in this Paragraph 30 shall be effective without the execution of any further documents; provided, however, that, upon written request from Lessor or a Lender in connection with a sale, financing or refinancing of the Premises, Lessee and Lessor shall execute such further writings as may be reasonably required to separately document any subordination, attornment and/or Non-Disturbance Agreement provided for herein.

31. Attorneys' Fees. If any Party or Broker brings an action or proceeding involving the Premises whether founded in tort, contract or equity, or to declare rights hereunder, the Prevailing Party (as hereafter defined) in any such proceeding, action, or appeal thereon, shall be entitled to reasonable attorneys' fees. Such fees may be awarded in the same suit or recovered in a separate suit, whether or not such action or proceeding is pursued to decision or judgment. The term, "Prevailing Party" shall include, without limitation, a Party or Broker who substantially obtains or defeats the relief sought, as the case may be, whether by compromise, settlement, judgment, or the abandonment by the other Party or Broker of its claim or defense. The attorneys' fees award shall not be computed in accordance with any court fee schedule, but shall be such as to fully reimburse all attorneys' fees reasonably incurred. In addition, Lessor shall be entitled to attorneys' fees, costs and expenses incurred in the preparation and service of notices of Default and consultations in connection therewith, whether or not a legal action is subsequently commenced in connection with such Default or resulting Breach (\$200 is a reasonable minimum per occurrence for such services and consultation).

32. Lessor's Access; Showing Premises; Repairs. Lessor and Lessor's agents shall have the right to enter the Premises at any time, in the case of an emergency, and otherwise at reasonable times after reasonable prior notice for the purpose of showing the same to prospective purchasers, lenders, or tenants, and making such alterations, repairs, improvements or additions to the Premises as Lessor may deem necessary or desirable and the erecting, using and maintaining of utilities, services, pipes and conduits through the Premises and/or other premises as long as there is no material adverse effect on Lessee's use of the Premises. All such activities shall be without abatement of rent or liability to Lessee.

33. Auctions. Lessee shall not conduct, nor permit to be conducted, any auction upon the Premises without Lessor's prior written consent. Lessor shall not be obligated to exercise any standard of reasonableness in determining whether to permit an auction.

34. Signs. Lessor may place on the Premises ordinary "For Sale" signs at any time and ordinary "For Lease" signs during the last 6 months of the term hereof. Except for ordinary "for sublease" signs, Lessee shall not place any sign upon the Premises without Lessor's prior written consent. All signs must comply with all Applicable Requirements.

35. Termination; Merger. Unless specifically stated otherwise in writing by Lessor, the voluntary or other surrender of this Lease by Lessee, the mutual termination or cancellation hereof, or a termination hereof by Lessor for Breach by Lessee, shall automatically terminate any sublease or lesser estate in the Premises; provided, however, that Lessor may elect to continue any one or all existing subtenancies. Lessor's failure within 10 days following any such event to elect to the contrary by written notice to the holder of any such lesser interest, shall constitute Lessor's election to have such event constitute the termination of such interest.

36. Consents. All requests for consent shall be in writing. Except as otherwise provided herein, wherever in this Lease the consent of a Party is required to an act by or for the other Party, such consent shall not be unreasonably withheld or delayed. Lessor's actual reasonable costs and expenses (including but not limited to architects', attorneys', engineers' and other consultants' fees) incurred in the consideration of, or response to, a request by Lessee for any Lessor consent, including but not limited to consents to an assignment, a subletting or the presence or use of a Hazardous Substance, shall be paid by Lessee upon receipt of an invoice and supporting documentation therefor. Lessor's consent to any act, assignment or subletting shall not constitute an acknowledgment that no Default or Breach by Lessee of this Lease exists, nor shall such consent be deemed a waiver of any then existing Default or Breach, except as may be otherwise specifically stated in writing by Lessor at the time of such consent. The failure to specify herein any particular condition to Lessor's consent shall not preclude the imposition by Lessor at the time of consent of such further or other conditions as are then reasonable with reference to the particular matter for which consent is being given. In the event that either Party disagrees with any determination made by the other hereunder and reasonably requests the reasons for such determination, the determining party shall furnish its reasons in writing and in reasonable detail within 10 business days following such request.

37. Guarantor.

37.1 Execution. The Guarantors, if any, shall each execute a guaranty in the form most recently published BY AIR CRE.

37.2 Default. It shall constitute a Default of the Lessee if any Guarantor fails or refuses, upon request to provide: (a) evidence of the execution of the guaranty, including the authority of the party signing on Guarantor's behalf to obligate Guarantor, and in the case of a corporate Guarantor, a certified copy of a resolution of its board of directors authorizing the making of such guaranty, (b) current financial statements, (c) an Estoppel Certificate, or (d) written confirmation that the guaranty is still in effect.

38. Quiet Possession. Subject to payment by Lessee of the Rent and performance of all of the covenants, conditions and provisions on Lessee's part to be observed and performed under this Lease, Lessee shall have quiet possession and quiet enjoyment of the Premises during the term hereof.

39. Options. If Lessee is granted any Option, as defined below, then the following provisions shall apply.

39.1 Definition. "Option" shall mean: (a) the right to extend or reduce the term of or renew this Lease or to extend or reduce the term of or renew any lease that Lessee has on other property of Lessor; (b) the right of first refusal or first offer to lease either the Premises or other property of Lessor; (c) the right to purchase, the right of first offer to purchase or the right of first refusal to purchase the Premises or other property of Lessor.

39.2 Options Personal To Original Lessee. Any Option granted to Lessee in this Lease is personal to the original Lessee, and cannot be assigned or exercised by anyone other than said original Lessee and only while the original Lessee is in full possession of the Premises and, if requested by Lessor, with Lessee certifying that Lessee has no intention of thereafter assigning or subletting.

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39.3 **Multiple Options.** In the event that Lessee has any multiple Options to extend or renew this Lease, a later Option cannot be exercised unless the prior Options have been validly exercised.

39.4 **Effect of Default on Options.**

(a) Lessee shall have no right to exercise an Option: (i) during the period commencing with the giving of any notice of Default and continuing until said Default is cured, (ii) during the period of time any Rent is unpaid (without regard to whether notice thereof is given Lessee), (iii) during the time Lessee is in Breach of this Lease, or (iv) in the event that Lessee has been given 3 or more notices of separate Default, whether or not the Defaults are cured, during the 12 month period immediately preceding the exercise of the Option.

(b) The period of time within which an Option may be exercised shall not be extended or enlarged by reason of Lessee's inability to exercise an Option because of the provisions of Paragraph 39.4(a).

(c) An Option shall terminate and be of no further force or effect, notwithstanding Lessee's due and timely exercise of the Option, if, after such exercise and prior to the commencement of the extended term or completion of the purchase, (i) Lessee fails to pay Rent for a period of 30 days after such Rent becomes due (without any necessity of Lessor to give notice thereof), or (ii) if Lessee commits a Breach of this Lease.

40. **Multiple Properties.** If the Premises are a part of a group of properties controlled by Lessor, Lessee agrees that it will abide by and conform to all reasonable rules and regulations which Lessor may make from time to time for the management, safety, and care of said properties, including the care and cleanliness of the grounds and including the parking, loading and unloading of vehicles, and to cause its employees, suppliers, shippers, customers, contractors and invitees to so abide and conform. Lessee also agrees to pay its fair share of common expenses incurred in connection with such rules and regulations.

41. **Security Measures.** Lessee hereby acknowledges that the Rent payable to Lessor hereunder does not include the cost of guard service or other security measures, and that Lessor shall have no obligation whatsoever to provide same. Lessee assumes all responsibility for the protection of the Premises, Lessee, its agents and invitees and their property from the acts of third parties.

42. **Reservations.** Lessor reserves to itself the right, from time to time, to grant, without the consent or joinder of Lessee, such easements, rights and dedications that Lessor deems necessary, and to cause the recordation of parcel maps and restrictions, so long as such easements, rights, dedications, maps and restrictions do not unreasonably interfere with the use of the Premises by Lessee. Lessee agrees to sign any documents reasonably requested by Lessor to effectuate any such easement rights, dedication, map or restrictions.

43. **Performance Under Protest.** If at any time a dispute shall arise as to any amount or sum of money to be paid by one Party to the other under the provisions hereof, the Party against whom the obligation to pay the money is asserted shall have the right to make payment "under protest" and such payment shall not be regarded as a voluntary payment and there shall survive the right on the part of said Party to institute suit for recovery of such sum. If it shall be adjudged that there was no legal obligation on the part of said Party to pay such sum or any part thereof, said Party shall be entitled to recover such sum or so much thereof as it was not legally required to pay. A Party who does not initiate suit for the recovery of sums paid "under protest" within 6 months shall be deemed to have waived its right to protest such payment.

44. **Authority; Multiple Parties; Execution.**

(a) If either Party hereto is a corporation, trust, limited liability company, partnership, or similar entity, each individual executing this Lease on behalf of such entity represents and warrants that he or she is duly authorized to execute and deliver this Lease on its behalf. Each Party shall, within 30 days after request, deliver to the other Party satisfactory evidence of such authority.

(b) If this Lease is executed by more than one person or entity as "Lessee", each such person or entity shall be jointly and severally liable hereunder. It is agreed that any one of the named Lessees shall be empowered to execute any amendment to this Lease, or other document ancillary thereto and bind all of the named Lessees, and Lessor may rely on the same as if all of the named Lessees had executed such document.

(c) This Lease may be executed by the Parties in counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument.

45. **Conflict.** Any conflict between the printed provisions of this Lease and the typewritten or handwritten provisions shall be controlled by the typewritten or handwritten provisions.

46. **Offer.** Preparation of this Lease by either Party or their agent and submission of same to the other Party shall not be deemed an offer to lease to the other Party. This Lease is not intended to be binding until executed and delivered by all Parties hereto.

47. **Amendments.** This Lease may be modified only in writing, signed by the Parties in interest at the time of the modification. As long as they do not materially change Lessee's obligations hereunder, Lessee agrees to make such reasonable non-monetary modifications to this Lease as may be reasonably required by a Lender in connection with the obtaining of normal financing or refinancing of the Premises.

48. **Waiver of Jury Trial. THE PARTIES HEREBY WAIVE THEIR RESPECTIVE RIGHTS TO TRIAL BY JURY IN ANY ACTION OR PROCEEDING INVOLVING THE PROPERTY OR ARISING OUT OF THIS AGREEMENT.**

49. **Arbitration of Disputes.** An Addendum requiring the Arbitration of all disputes between the Parties and/or Brokers arising out of this Lease ☒ is ☐ is not attached to this Lease.

50. **Accessibility; Americans with Disabilities Act.**

(a) The Premises:

☒ have not undergone an inspection by a Certified Access Specialist (CASp). Note: A Certified Access Specialist (CASp) can inspect the subject premises and determine whether the subject premises comply with all of the applicable construction-related accessibility standards under state law. Although state law does not require a CASp inspection of the subject premises, the commercial property owner or lessor may not prohibit the lessee or tenant from obtaining a CASp inspection of the subject premises for the occupancy or potential occupancy of the lessee or tenant, if requested by the lessee or tenant. The parties shall mutually agree on the arrangements for the time and manner of the CASp inspection, the payment of the fee for the CASp inspection, and the cost of making any repairs necessary to correct violations of construction-related accessibility standards within the premises.

☐ have undergone an inspection by a Certified Access Specialist (CASp) and it was determined that the Premises met all applicable construction-related accessibility standards pursuant to California Civil Code §55.51 et seq. Lessee acknowledges that it received a copy of the inspection report at least 48 hours prior to executing this Lease and agrees to keep such report confidential.

☐ have undergone an inspection by a Certified Access Specialist (CASp) and it was determined that the Premises did not meet all applicable construction-related accessibility standards pursuant to California Civil Code §55.51 et seq. Lessee acknowledges that it received a copy of the inspection report at least 48 hours prior to executing this Lease and agrees to keep such report confidential except as necessary to complete repairs and corrections of violations of construction related accessibility standards.

In the event that the Premises have been issued an inspection report by a CASp the Lessor shall provide a copy of the disability access inspection certificate to Lessee within 7 days of the execution of this Lease.

(b) Since compliance with the Americans with Disabilities Act (ADA) and other state and local accessibility statutes are dependent upon Lessee's specific use of the Premises, Lessor makes no warranty or representation as to whether or not the Premises comply with ADA or any similar legislation. In the event that Lessee's use of the Premises requires modifications or additions to the Premises in order to be in compliance with ADA or other accessibility statutes, Lessee agrees to make any such necessary modifications and/or additions at Lessee's expense.

LESSOR AND LESSEE HAVE CAREFULLY READ AND REVIEWED THIS LEASE AND EACH TERM AND PROVISION CONTAINED HEREIN, AND BY THE EXECUTION OF THIS LEASE SHOW THEIR INFORMED AND VOLUNTARY CONSENT THERETO. THE PARTIES HEREBY AGREE THAT, AT THE TIME THIS LEASE IS EXECUTED, THE TERMS OF THIS LEASE ARE COMMERCIALY REASONABLE AND EFFECTUATE THE INTENT AND PURPOSE OF LESSOR AND LESSEE WITH RESPECT TO THE PREMISES.

ATTENTION: NO REPRESENTATION OR RECOMMENDATION IS MADE BY AIR CRE OR BY ANY BROKER AS TO THE LEGAL SUFFICIENCY, LEGAL EFFECT, OR TAX CONSEQUENCES OF THIS LEASE OR THE TRANSACTION TO WHICH IT RELATES. THE PARTIES ARE URGED TO:

1. SEEK ADVICE OF COUNSEL AS TO THE LEGAL AND TAX CONSEQUENCES OF THIS LEASE.
2. RETAIN APPROPRIATE CONSULTANTS TO REVIEW AND INVESTIGATE THE CONDITION OF THE PREMISES. SAID INVESTIGATION SHOULD INCLUDE BUT NOT BE LIMITED TO: THE POSSIBLE PRESENCE OF HAZARDOUS SUBSTANCES, THE ZONING OF THE PREMISES, THE CONDITION AND THE SUITABILITY OF THE PREMISES FOR LESSEE'S INTENDED USE.

WARNING: IF THE PREMISES ARE LOCATED IN A STATE OTHER THAN CALIFORNIA, CERTAIN PROVISIONS OF THE LEASE MAY NEED TO BE REVISED TO COMPLY WITH


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THE LAWS OF THE STATE IN WHICH THE PREMISES ARE LOCATED.

The parties hereto have executed this Lease at the place and on the dates specified above their respective signatures.

Executed at: Las Vegas, Nevada
On: 2/5/2019

By LESSOR:
Devore and Devore

DocuSigned by:
By: Edward Devore
Name Printed: Edward Devore
Title: Owner
Phone: _____
Fax: _____
Email: _____

By: _____
Name Printed: _____
Title: _____
Phone: _____
Fax: _____
Email: _____

Address: c/o Canon Business Properties, Inc.
Federal ID No.: _____

BROKER
Canon Business Properties, Inc.

Attn: Alexander Radosevic
Title: President
Address: 190 North Canon Drive, Suite 304,
Beverly Hills, California 90210
Phone: 310-273-1975
Fax: 310-273-1979
Email: info@canonproperties.com
Federal ID No.: _____
Broker/Agent BRE License #: 01323996

Executed at: Los Angeles, California
On: 02-01-19

By LESSEE:
Karlen Galstyan D/B/A KG Road Services

By: Karlen Galstyan
Name Printed: Karlen Galstyan
Title: _____
Phone: 818-200-7660
Fax: _____
Email: kgroadser@gmail.com

By: _____
Name Printed: _____
Title: _____
Phone: _____
Fax: _____
Email: _____

Address: _____
Federal ID No.: _____

BROKER
Lessee's Appointed Legal Counsel

Attn: _____
Title: _____
Address: _____
Phone: _____
Fax: _____
Email: _____
Federal ID No.: _____
Broker/Agent BRE License #: _____

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STANDARD INDUSTRIAL/COMMERCIAL LAND LEASE - GROSS

This ADDENDUM (the "Addendum", Exhibit "A") TO THE STANDARD INDUSTRIAL/COMMERCIAL LAND LEASE – GROSS (the "Lease") dated January 30, 2019 is made and entered into by and between DEVORE AND DEVORE, (the "Lessor") and Karlen Galstyan D/B/A KG Road Services (the "Lessee"), for the property commonly known as 210 West Slauson Avenue, Parcel "A", Los Angeles, California 90003 (the "Premises"), between Lessor and Lessee to which this Addendum is attached and incorporated. The Terms, Covenants and Conditions set forth herein are intended to and shall have the same meanings and force and effect as if set forth in the Lease. To the extent that the provisions of this Addendum are inconsistent with any provision of the Lease, this Addendum shall supersede and control.

51. Condition of Premises. Notwithstanding anything to the contrary set forth in the Lease, Lessee accepts the Premises, including the Building, in its then-current "AS-IS/WHERE-IS" condition "WITH ALL FAULTS." Further, Lessee has inspected and satisfied itself that the Premises, including the Building and equipment contained therein and/or located thereon, are in a good working order and condition, and are reasonably acceptable to Lessee. Upon Lessee's execution of the Lease, Lessee hereby acknowledges and represents Lessee's satisfaction and approval of the condition of the Premises, and that neither Lessor, its agents, subagents, representatives, contractors, employees, nor CANON BUSINESS PROPERTIES, INC. hereinafter referred to as ("Property Manager"), its agents, subagents, representatives, contractors or employees have made any representations, warranties and/or guarantees of any kind or nature regarding the Premises, except as otherwise set forth in this Addendum. Further, Lessee hereby acknowledges and agrees to indemnify, defend and hold the Lessor, its agents, subagents, representatives, contractors, employees, the Premises and Property Manager, its agents, subagents, representatives, contractors and employees harmless from and against any and all costs, expenses and liabilities (including actual attorney's fees, costs and court costs), which may arise directly or indirectly, foreseeable or unforeseeable, known or unknown as a result of the Condition of the Premises throughout the Lease Term (including any Option Term, as and if applicable).

52. Late Payments. Any rent received postmarked after the fifth (5th) day of each month, or any payment submitted by the Lessee to Lessor, which is dishonored for any reason whatsoever, shall be subject to; (a) A Ten percent (10%) late charge or Two Hundred and 00/100 Dollars (\$200.00), whichever is greater; (b) A Three Day Notice To Pay Rent or Quit charge (including preparation, service and posting of document) of Two Hundred and 00/100 Dollars (\$200.00); and (c) An internal accounting charge of One Hundred Twenty Five and 00/100 Dollars (\$125.00). Lessee further acknowledges and agrees that acceptance of a late charge by Lessor shall not constitute a waiver of Lessee's default with respect to the overdue amount, nor shall it prevent Lessor from exercising any of its other rights and remedies. In addition, Lessee acknowledges and agrees that the late payment of rent by Lessee to Lessor will cause Lessor to incur costs not contemplated by this Lease and that an exact amount for these additional costs cannot be determined at this time. Those additional costs may include, but are not limited to, administrative, processing, accounting charges and late charges, which may be imposed on Lessor by the terms of any ground lease, mortgage or trust deed covering the Premises.

53. General Compliance. Notwithstanding anything to the contrary set forth in the Lease, in order to legally operate its business from the Premises, Lessee, at Lessee's sole cost and expense agrees to remain in compliance with all Applicable Requirements including without limitation, federal, state, and local laws, regulations, codes, ordinances and administrative orders having jurisdiction over the Premises throughout the Lease Term (including any Option Term, as and if applicable). Moreover, Lessee shall notify Lessor via U.S. Certified Mail within three (3) days from Lessee's receipt of any such notice, including without limitation, the notification of a new law, regulation, code, ordinance, notice of non-compliance, citation; and/or violation throughout the Lease Term (including any Option Term, as and if applicable).

54. Fire and Safety Compliance. Notwithstanding anything to the contrary set forth in the Lease, Lessee, at Lessee's sole cost and expense agrees to purchase, install, maintain and test all fire extinguishers as needed, in order to remain in compliance with all Applicable Requirements including, but not limited to, Los Angeles County and Los Angeles City Fire Department and Safety Codes, Insurance Companies, Laws and Ordinances throughout the Lease Term (including any Option Term, as and if applicable).

55. Lessee Improvements.

A. Lessee shall cause Lessee's architect or designer to prepare a plan (the "Plan"), to be attached and incorporated into the Lease as Exhibit "X", which shall show all required and intended "Lessee Improvements". Within ten (10) business days after Lessor receives the Plan from Lessee, Lessor shall either approve or disapprove such Plan in writing delivered to Lessee,



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noting with reasonable particularity any changes or corrections therein. All costs to Lessor, including Lessor's architect and/or engineers, if any, in reviewing the Plan shall be paid for separately by Lessor.

B. Thereafter, Lessee shall diligently and in good-faith commence and complete the construction of the Lessee Improvements by selecting a general contractor, subcontractors and/or engineers, subject to Lessor's reasonable approval, and provided that each of the foregoing must be licensed, bonded and insured in the State of California. Lessor shall not charge any supervisory or other fee in connection with the Lessee Improvements. Lessee shall cause Lessee's architect or such general contractor, or both, to then apply for the required permits and approvals to construct the Lessee Improvements, which permits and approvals shall be paid for solely by Lessee. All Lessee improvements must comply with all "Applicable Requirements" including Americans with Disabilities Act (ADA). Further, neither Lessor nor Property Manager, its agents, subagents, representatives, contractors or employees have made any representations warranties, either expressed or implied, with respect to whatever permits, certificates or approvals will be required for the Lessee Improvements, if any, or if required, at what cost and how quickly they can be obtained.

C. All contractors or vendors involved with the completion of Lessee Improvements must provide Lessor with a copy of the following documents one (1) week prior to the commencement of any Lessee Improvement Work:

i. Proof of liability and workman's compensation insurance certificates providing single limit coverage of not less than One Million and 00/100 Dollars (\$1,000,000.00) per occurrence with an annual aggregate of not less than Two Million and 00/100 Dollars (\$2,000,000.00). Further, each certificate must name the additional insured to read exactly as follows:

1. Devore and Devore ("Lessor").

2. CANON BUSINESS PROPERTIES, INC. ("Property Manager").

The address shall be 190 North Canon Drive, Suite 304, Beverly Hills, California 90210.

ii. A list of industry standard devices that will be used by each vendor to protect the building from property damage while completing Lessee Improvement Work.

D. Following Lessee's receipt of all required permits and approvals (which shall be available for Lessor's review concurrent with Lessee's review), Lessee's general contractor shall diligently pursue the demolition, construction and completion of the Lessee Improvements.

E. Should any improvements and installations be required by any governmental agency, entity or law, to the Premises, Building, and/or Project, relative to the improvement work that Lessee is performing (or has performed without Lessor's written consent) to the Premises, to include, but not be limited to the improvements as set forth in (the "Plan"), to be attached hereto as Exhibit "X", Lessee agrees that Lessee shall make all required improvement installations at Lessee's sole cost and expense.

56. Insurance. In the event that Lessee fails to obtain and maintain any of the insurance required under Paragraph 8 or elsewhere in the Lease for any reason whatsoever, such actions shall constitute a "Breach" of this Lease. In addition to Lessor's remedies as set forth in the Lease with regards to a "Lessee Breach of Lease", Lessee shall be conclusively deemed to have self-insured such insurance obligations, with the full waiver of subrogation as set forth in Paragraph 8.6 of the Lease and agrees to indemnify, defend and hold Lessor, its agents, subagents, representatives, contractors, employees, the Premises Property Manager, its agents, subagents, employees and representatives harmless from and against any and all costs, expenses and liabilities (including actual attorney fees, costs and court costs), which may arise directly or indirectly, foreseeable or unforeseeable, known or unknown, as a result of any claim against the property and Premises from any party.

57. Damage and Destruction; and Condemnation. Notwithstanding anything to the contrary set forth in Paragraph 9, or elsewhere, in the Lease, Lessee hereby waives the provisions of California Civil Code Sections 1932 and 1933, and any successor sections and any other statutes which are inconsistent with the provisions of the Lease and which relate to the termination of Leases when Leased property is destroyed, and agree that such event shall be governed by the terms of the Lease only. In addition, and notwithstanding anything to the contrary set forth in Paragraph 14 or elsewhere in the Lease, Lessee also hereby waives any and all rights Lessee might otherwise have pursuant to Section 1265.130 of the California Code of Civil Procedure and any successor sections or statutes.

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Exhibit "A"
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58. Assignment and Subletting. In connection with any proposed assignment of the Lease or sublease of all or any portion of the Premises, Lessee shall deliver to Lessor, for Lessor's review and written approval, all such information concerning the proposed assignee or sublessee as Lessor may reasonably request, including, but not limited to, any financial statements or other financial information and all terms of the proposed assignment or sublease. Notwithstanding anything to the contrary set forth in Paragraph 12 or elsewhere in the Lease, Lessee hereby assigns and transfers to Lessor all of Lessee's interest in and to all rent and any other consideration arising from any assignment or sublease of the Premises hereafter made by Lessee, and Lessor may collect such rent and other consideration and apply same toward Lessee's obligations under the Lease; provided, however, until a default shall occur in the performance of Lessee's obligations under the Lease, Lessee may receive and collect such rent and other consideration accruing under any assignment or sublease. Lessee hereby irrevocably authorizes and directs any assignee or sublessee, upon receipt of written notice from Lessor (with a copy or copies of any such notice or notices also delivered by Lessor to Lessee) stating that a default exists in the performance of Lessee's obligations under the Lease, to pay to Lessor the rent due and to become due under the assignment or sublease. Lessee agrees that any assignee or sublessee shall have the right to rely upon any such written notice from Lessor, and that such assignee or sublessee shall pay such rent to Lessor without any obligation or right to inquire as to whether a default exists and, notwithstanding any notice from or claim from Lessee to the contrary, Lessee shall have no right or claim against such assignee or sublessee, or Lessor, for any rent and other consideration so paid by such assignee or sublessee to Lessor. Lessor shall be entitled to receive any additional rent or other premium realized on any such sublease, assignment or other transfer, and Lessee acknowledges this to be fair and reasonable.

59. Limitations on Lessor's Liability. Notwithstanding anything to the contrary set forth in the Lease, the obligations of Lessor, and the individuals comprising Lessor and Lessor's partners (either general or limited), directors, members, officers, shareholders, employees, agents, representatives and Property Manager, under the Lease do not constitute personal obligations. Lessee, and Lessee's successors and assignees, hereby acknowledge and agree to not seek any recourse against Lessor and the individuals comprising Lessor and Lessor's partners (either general or limited), directors, members, officers, shareholders, employees, agents, representatives and Property Manager, for the satisfaction of any actual or alleged liability of Lessor to Lessee under the Lease or with respect to the Premises, but Lessee shall look only to Lessor's interest in the Premises for the satisfaction of any liability of Lessor to Lessee hereunder.

~~60. Condition Precedent. Notwithstanding anything to the contrary set forth in the Lease, the Lease and Lessor's obligations thereunder shall be conditioned upon and subject to the execution by [NAME], as an individual and a "Guarantor" of that certain Guaranty of Lease dated concurrently with the Lease and executed by the "Guarantor" in favor of Lessor, attached hereto as Exhibit "E".~~

61. Early Termination. Notwithstanding anything to the contrary set forth in the Lease, Lessee hereby acknowledges and agrees that Lessor shall have the exclusive right to terminate this Lease by serving Lessee with a "Thirty (30) Day Notice to Terminate" as a result of Lessee entering into a "Breach" or "Default" during the Lease Term (including any Option Term(s), as and if applicable). Should Lessee fail to vacate the Premises within the thirty (30) day period, Lessee hereby agrees to surrender its entire security deposit to Lessor; and Lessor shall pursue all other legal remedies available to Lessor in order to secure possession.

62. Broker Commission. Upon mutual execution and delivery of this Lease, Exhibits and all other attachments, and provided that Lessor has received the pre-paid Base Rent, Lease Deposit Monies and Insurance from Lessee in accordance with the Lease, Lessor hereby agrees to pay a brokerage fee or commission in accordance with the management agreement to CANON BUSINESS PROPERTIES, INC., only. Lessee's appointed legal counsel ("Lessee's Broker") shall NOT BE DUE a commission, referral fees, or payment of any kind for services rendered in this lease transaction. Further, Lessor and Lessee hereby warrant that it has had no dealings with any other real estate broker or agent in connection with negotiations of this Lease, and agree to indemnify and hold the other party harmless from any cost, expense or liability (including reasonable attorney's fees) for any compensation, commissions or charges claimed by any other real estate broker or agent employed or claiming to represent or to have been employed by the indemnifying party in connection with the negotiation of this Lease.

63. Lease Review and Revision. This Lease, its Exhibits and all other attachments cover in full each and every agreement of every kind between the parties concerning the Premises, the Building, and the Project, and all preliminary negotiations, oral agreements, understandings and/or practices, except those contained in this Lease, are superseded and shall be of no further effect. Lessee waives its rights to rely on any representations or promises made by Lessor, its broker, Property Manager and all others, which are not contained in this Lease. No verbal agreement or implied covenant shall be held to modify the provisions of this Lease, any statute, law, or custom to the contrary notwithstanding. Further, Lessor and Lessee hereby

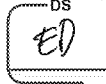

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agree to defend and to hold harmless Property Manager, its agents, subagents, representatives and contractors, from and against any and all costs, expenses and liabilities (including actual attorney fees and court costs), which may arise for any reason, with regards to all matters pertaining to the Premises, the Building, the Project and the Lease including all Exhibits and attachments.

64. Lessee Due Diligence. Lessee shall have had the full and unfettered opportunity to examine the Lease, the Premises, the Building and the Project from every material standpoint, including, without limitation, title, possession, structural, engineering, soils, hazardous materials, land use status, permitting, zoning, fitness for use generally and specifically for Lessee's intended use, and/or from the standpoint of the existence or availability of any and all permits, licenses or approvals necessary or convenient therefor. Moreover, each party further assumes all such risks, having fully satisfied itself with respect to each of such matters and having placed no reliance whatsoever on Property Manager, its agents, subagents, employees, or representatives, in connection therewith. Lessee assumes all such risks, having fully satisfied itself with respect to each of such matters. Lessee waives its rights to rely on any representations or promises made by Lessor, its broker, Property Manager and all others, which are not contained in this Lease. No verbal agreement or implied covenant shall be held to modify the provisions of this Lease, any statute, law, or custom to the contrary notwithstanding. Lessee's experts for purposes of this paragraph have included, without limitation, its professionally retained architects, contractors, engineers, inspectors and attorneys. Lessor and Lessee further agree to indemnify, defend and hold Property Manager, its agents, subagents, employees and representatives harmless from and against any and all costs, expenses and liabilities (including actual attorney fees, costs and court costs), which may arise directly or indirectly, foreseeable or unforeseeable, known or unknown, as a result of any of the terms and conditions set forth in this Lease, this or any other Addendum, Exhibit, and/or Guarantees attached hereto.

IN WITNESS WHEREOF, Lessor and Lessee executed this Addendum concurrently with the Lease of even date herewith.

"LESSOR":
DEVORE AND DEVORE

DocuSigned by:
Edward Devore
BY: EDWARD DEVORE

2/5/2019
DATE

"LESSEE":
KARLEN GALSTYAN
D/B/A KG ROAD SERVICES

Karlen Galstyan
BY: KARLEN GALSTYAN

02-01-19
DATE

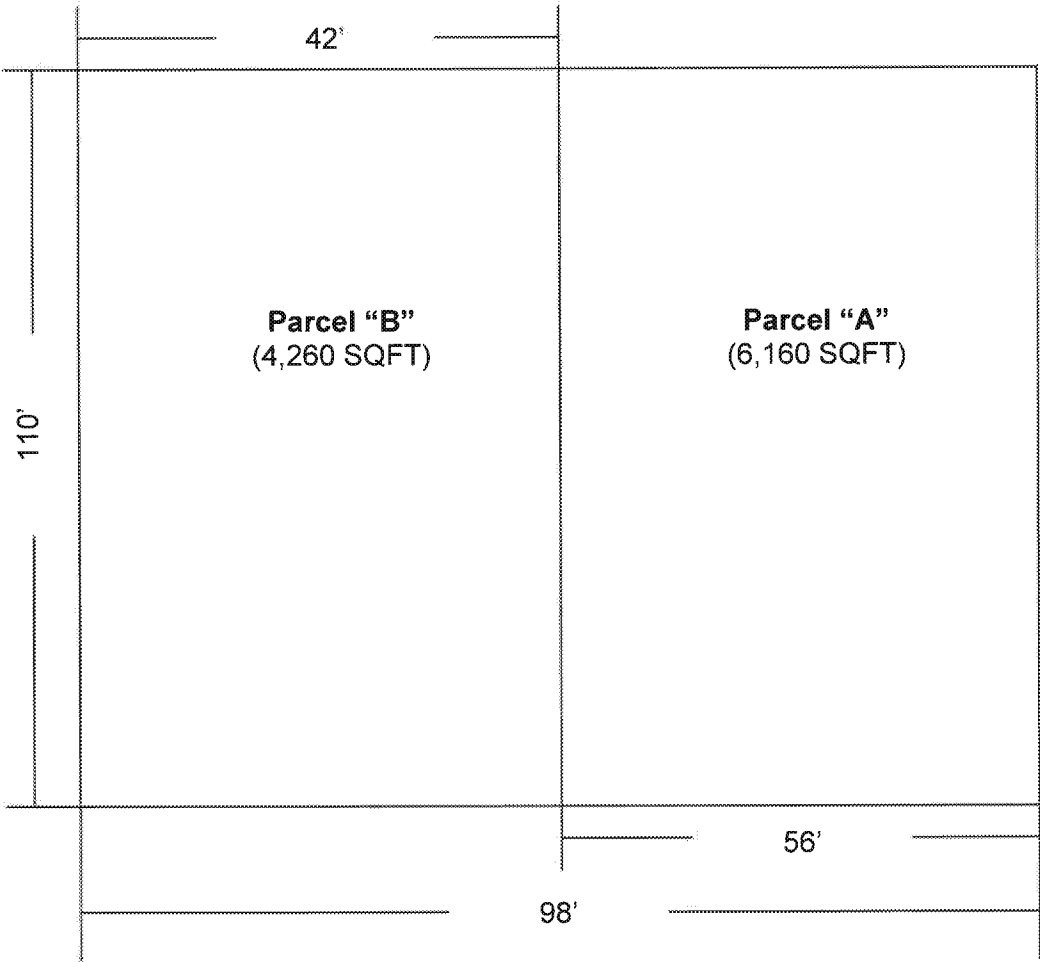
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SITE PLAN

Devore and Devore
210 West Slauson Avenue
Los Angeles, California 90003

Lessor and Lessee hereby acknowledge and agree that Lessee, KARLEN GALSTYAN D/B/A KG ROAD SERVICES, has independently measured and divided the Premises providing Lessor with the approximate square footage stated in Paragraph 1.2 (a) titled "Premises" and as outlined herein below. Further, Lessee hereby acknowledges and agrees to indemnify, defend and hold the Lessor, its agents, subagents, representatives, contractors, employees, the Premises and CANON BUSINESS PROPERTIES, INC., its agents, subagents, representatives, contractors and employees harmless from and against any and all costs, expenses and liabilities (including actual attorney's fees, costs and court costs), which may arise directly or indirectly, foreseeable or unforeseeable, known or unknown, from any dispute and/or discrepancy regarding the measurement of the Premises. The statements herein constitute a waiver of any rent disputes Lessee may have against Lessor. Specifically, Lessee has proposed the rent amount to Lessor based on its own independent measurement and due diligence and Lessor accepts the rent monies as proposed by Lessee and stated in the Lease.



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Exhibit "B"
Page 1 of 1

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AIRCRE
ARBITRATION AGREEMENT
STANDARD LEASE ADDENDUM

Dated: January 30, 2019
By and Between
Lessor: Devore and Devore
Lessee: Karlen Galstyan D/B/A KG Road Services
Property Address: 210 West Slauson Avenue, Parcel "A", Los Angeles, California
90003
(street address, city, state, zip)

Paragraph: Exhibit "C"

A. ARBITRATION OF DISPUTES:

Except as provided in Paragraph B below, the Parties agree to resolve any and all claims, disputes or disagreements arising under this Lease, including, but not limited to any matter relating to Lessor's failure to approve an assignment, sublease or other transfer of Lessee's interest in the Lease under Paragraph 12 of this Lease, any other defaults by Lessor, or any defaults by Lessee by and through arbitration as provided below and irrevocably waive any and all rights to the contrary. The Parties agree to at all times conduct themselves in strict, full, complete and timely accordance with the terms hereof and that any attempt to circumvent the terms of this Arbitration Agreement shall be absolutely null and void and of no force or effect whatsoever.

B. DISPUTES EXCLUDED FROM ARBITRATION:

The following claims, disputes or disagreements under this Lease are expressly excluded from the arbitration procedures set forth herein: 1. Disputes for which a different resolution determination is specifically set forth in this Lease, 2. All claims by either party which (a) seek anything other than enforcement or determination of rights under this Lease, or (b) are primarily founded upon matters of fraud, willful misconduct, bad faith or any other allegations of tortious action, and seek the award of punitive or exemplary damages, 3. Claims relating to (a) Lessor's exercise of any unlawful detainer rights pursuant to applicable law or (b) rights or remedies used by Lessor to gain possession of the Premises or terminate Lessee's right of possession to the Premises, all of which disputes shall be resolved by suit filed in the applicable court of jurisdiction, the decision of which court shall be subject to appeal pursuant to applicable law 4. Any claim or dispute that is within the jurisdiction of the Small Claims Court and 5. All claims arising under Paragraph 39 of this Lease.

C. APPOINTMENT OF AN ARBITRATOR:

All disputes subject to this Arbitration Agreement, shall be determined by binding arbitration before: ☒ a retired judge of the applicable court of jurisdiction (e.g., the Superior Court of the State of California) affiliated with Judicial Arbitration & Mediation Services, Inc. ("JAMS"), ☐ the American Arbitration Association ("AAA") under its commercial arbitration rules, ☐ _____, or as may be otherwise mutually agreed by Lessor and Lessee (the "Arbitrator"). In the event that the parties elect to use an arbitrator other than one affiliated with JAMS or AAA then such arbitrator shall be obligated to comply with the Code of Ethics for Arbitrators in Commercial Disputes (see: http://www.adr.org/aaa/ShowProperty?nodeId=/UCM/ADRSTG_003867). Such arbitration shall be initiated by the Parties, or either of them, within ten (10) days after either party sends written notice (the "Arbitration Notice") of a demand to arbitrate by registered or certified mail to the other party and to the Arbitrator. The Arbitration Notice shall contain a description of the subject matter of the arbitration, the dispute with respect thereto, the amount involved, if any, and the remedy or determination sought. If the Parties have agreed to use JAMS they may agree on a retired judge from the JAMS panel. If they are unable to agree within ten days, JAMS will provide a list of three available judges and each party may strike one. The remaining judge (or if there are two, the one selected by JAMS) will serve as the Arbitrator. If the Parties have elected to utilize AAA or some other organization, the Arbitrator shall be selected in accordance with said organization's rules. In the event the Arbitrator is not selected as provided for above for any reason, the party initiating arbitration shall apply to the appropriate Court for the appointment of a qualified retired judge to act as the Arbitrator.

D. ARBITRATION PROCEDURE:

1. **PRE-HEARING ACTIONS.** The Arbitrator shall schedule a pre-hearing conference to resolve procedural matters, arrange for the exchange of information, obtain stipulations, and narrow the issues. The Parties will submit proposed discovery schedules to the Arbitrator at the pre-hearing conference. The scope and duration of discovery will be within the sole discretion of the Arbitrator. The Arbitrator shall have the discretion to order a pre-hearing exchange of information by the Parties, including, without limitation, production of requested documents, exchange of summaries of testimony of proposed witnesses, and examination by deposition of parties and third-party witnesses. This discretion shall be exercised in favor of discovery reasonable under the circumstances. The Arbitrator shall issue subpoenas and subpoenas duces tecum as provided for in the applicable statutory or case law (e.g., in California Code of Civil Procedure Section 1282.6).

2. **THE DECISION.** The arbitration shall be conducted in the city or county within which the Premises are located at a reasonably convenient site. Any Party may be represented by counsel or other authorized representative. In rendering a decision(s), the Arbitrator shall determine the rights and obligations of the Parties according to the substantive laws and the terms and provisions of this Lease. The Arbitrator's decision shall be based on the evidence introduced at the hearing, including all logical and reasonable inferences therefrom. The Arbitrator may make any determination and/or grant any remedy or relief that is just and equitable. The decision must be based on, and accompanied by, a written statement of decision explaining the factual and legal basis for the decision as to each of the principal controverted issues. The decision shall be conclusive and binding, and it may thereafter be confirmed as a judgment by the court of applicable jurisdiction, subject only to challenge on the grounds set forth in the applicable statutory or case law (e.g., in California Code of Civil Procedure Section 1286.2). The validity and enforceability of the Arbitrator's decision is to be determined exclusively by the court of appropriate jurisdiction pursuant to the provisions of this Lease. The Arbitrator may award costs, including without limitation, Arbitrator's fees and costs, attorneys' fees, and expert and witness costs, to the prevailing party, if any, as determined by the Arbitrator in his discretion.

Whenever a matter which has been submitted to arbitration involves a dispute as to whether or not a particular act or omission (other than a failure to pay money) constitutes a Default, the time to commence or cease such action shall be tolled from the date that the Notice of Arbitration is served through and until the date the Arbitrator renders his or her decision. Provided, however, that this provision shall NOT apply in the event that the Arbitrator determines that the Arbitration Notice was prepared in bad faith.

Whenever a dispute arises between the Parties concerning whether or not the failure to make a payment of money constitutes a default, the service of an Arbitration Notice shall NOT toll the time period in which to pay the money. The Party allegedly obligated to pay the money may, however, elect to pay the money "under protest" by accompanying said payment with a written statement setting forth the reasons for such protest. If thereafter, the Arbitrator determines that the Party who received said money was not entitled to such payment, said money shall be promptly returned to the Party who paid such money under protest together with interest thereon as defined in Paragraph 13.5. If a Party makes a payment "under protest" but no Notice of Arbitration is filed within thirty days, then such protest shall be deemed waived. (See also Paragraph 42 or 43)

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RENT ADJUSTMENT(S)
STANDARD LEASE ADDENDUM

Dated: January 30, 2019
By and Between
Lessor: Devore and Devore
Lessee: Karlen Galstyan D/B/A KG Road Services
Property Address: 210 West Slauson Avenue, Parcel "A", Los Angeles, California
90003
(street address, city, state, zip)

Paragraph: Exhibit "D"

A. RENT ADJUSTMENTS:

The monthly rent for each month of the adjustment period(s) specified below shall be increased using the method(s) indicated below:
(Check Method(s) to be Used and Fill in Appropriately)

- ☐ I. Cost of Living Adjustment(s) (COLA)
- a. On (Fill in COLA Dates): _____ the Base Rent shall be adjusted by the change, if any, from the Base Month specified below, in the Consumer Price Index of the Bureau of Labor Statistics of the U.S. Department of Labor for (select one): ☐ CPI W (Urban Wage Earners and Clerical Workers) or ☐ CPI U (All Urban Consumers), for (Fill in Urban Area): _____, All Items (1982-1984 = 100), herein referred to as "CPI".

b. The monthly Base Rent payable in accordance with paragraph A.I.a. of this Addendum shall be calculated as follows: the Base Rent set forth in paragraph 1.5 of the attached Lease, shall be multiplied by a fraction the numerator of which shall be the CPI of the calendar month 2 months prior to the month(s) specified in paragraph A.I.a. above during which the adjustment is to take effect, and the denominator of which shall be the CPI of the calendar month which is 2 months prior to (select one): the ☐ first month of the term of this Lease as set forth in paragraph 1.3 ("Base Month") or ☐ (Fill in Other "Base Month"): _____ . The sum so calculated shall constitute the new monthly Base Rent hereunder, but in no event, shall any such new monthly Base Rent be less than the Base Rent payable for the month immediately preceding the Base Rent adjustment.

c. In the event the compilation and/or publication of the CPI shall be transferred to any other governmental department or bureau or agency or shall be discontinued, then the index most nearly the same as the CPI shall be used to make such calculation. In the event that the Parties cannot agree on such alternative index, then the matter shall be submitted for decision to the American Arbitration Association in accordance with the then rules of said Association and the decision of the arbitrators shall be binding upon the parties. The cost of said Arbitration shall be paid equally by the Parties.

- ☐ II. Market Rental Value Adjustment(s) (MRV)
- a. On (Fill in MRV Adjustment Date(s)): _____ the Base Rent shall be adjusted to the "Market Rental Value" of the property as follows:

1) Four months prior to each Market Rental Value Adjustment Date described above, the Parties shall attempt to agree upon what the new MRV will be on the adjustment date. If agreement cannot be reached within thirty days, then:

(a) Lessor and Lessee shall immediately appoint a mutually acceptable appraiser or broker to establish the new MRV within the next 30 days. Any associated costs will be split equally between the Parties, or

(b) Both Lessor and Lessee shall each immediately make a reasonable determination of the MRV and submit such determination, in writing, to arbitration in accordance with the following provisions:

(i) Within 15 days thereafter, Lessor and Lessee shall each select an independent third party ☐ appraiser or ☐ broker ("Consultant" - check one) of their choice to act as an arbitrator (Note: the parties may not select either of the Brokers that was involved in negotiating the Lease). The two arbitrators so appointed shall immediately select a third mutually acceptable Consultant to act as a third arbitrator.

(ii) The 3 arbitrators shall within 30 days of the appointment of the third arbitrator reach a decision as to what the actual MRV for the Premises is, and whether Lessor's or Lessee's submitted MRV is the closest thereto. The decision of a majority of the arbitrators shall be binding on the Parties. The submitted MRV which is determined to be the closest to the actual MRV shall thereafter be used by the Parties.

(iii) If either of the Parties fails to appoint an arbitrator within the specified 15 days, the arbitrator timely appointed by one of them shall reach a decision on his or her own, and said decision shall be binding on the Parties.

(iv) The entire cost of such arbitration shall be paid by the party whose submitted MRV is not selected, i.e., the one that is NOT the closest to the actual MRV.

2) When determining MRV, the Lessor, Lessee and Consultants shall consider the terms of comparable market transactions which shall include, but no limited to, rent, rental adjustments, abated rent, lease term and financial condition of tenants.

3) Notwithstanding the foregoing, the new Base Rent shall not be less than the rent payable for the month immediately preceding the rent adjustment.
- b. Upon the establishment of each New Market Rental Value:
- 1) the new MRV will become the new "Base Rent" for the purpose of calculating any further Adjustments, and

2) the first month of each Market Rental Value term shall become the new 'Base Month' for the purpose of calculating any further Adjustments.

☒ III. Fixed Rental Adjustment(s) (FRA)

The Base Rent shall be increased to the following amounts on the dates set forth below:

On (Fill in FRA Adjustment Date(s)):	The New Base Rent shall be:
<u>February 1, 2020</u>	<u>\$2,420.50</u>
<u>February 1, 2021</u>	<u>\$2,493.12</u>
_____	_____
_____	_____
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_____	_____
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LESSEE EMERGENCY CONTACT INFORMATION SHEET
(PLEASE PRINT)

Lessee's Name: Karlen Galstyan D/B/A KG Road Services

Primary Contact: Karlen Galstyan

Address of
Leased Premises: 210 West Slauson Avenue, Parcel "A"
(Street Address, Suite Number)
Los Angeles, California 90003
(City, State, Zip Code)

Home Address:
(Street Address, Apartment Number)

(City, State, Zip Code)

Alternate Address:
(Street Address, Apartment Number)

(City, State, Zip Code)

Office Phone:

Email: kgroadser@gmail.com

Cell Phone: 818-200-7660

Fax:

In case of emergency, contact:

Relationship:

Address:
(Street Address, Apartment Number)

(City, State, Zip Code)

Telephone:

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Exhibit "E"

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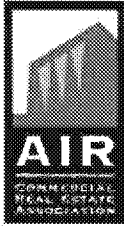
**STANDARD INDUSTRIAL/COMMERCIAL
LAND LEASE – GROSS**

BETWEEN

**DE VORE AND DE VORE
("Lessor")**

AND

**BYUNG CHUN CHOUNG,
as an individual
("Lessee")**



AIR COMMERCIAL REAL ESTATE ASSOCIATION STANDARD INDUSTRIAL/COMMERCIAL LAND LEASE -- GROSS

(DO NOT USE THIS FORM FOR BUILDINGS OR FOR LEASES PROVIDING FOR THE CONSTRUCTION OF BUILDINGS)

1. Basic Provisions ("Basic Provisions").

1.1 **Parties:** This Lease ("Lease"), dated for reference purposes only May 24, 2017, is made by and between De Vore and De Vore ("Lessor") and Byung Chun Choung, as an individual ("Lessee"), (collectively the "Parties," or individually a "Party").

1.2 **Premises:** That certain real property, including all improvements thereon or to be provided by Lessor under the terms of this Lease, and commonly known as 210 West Slauson Avenue, Parcel "B", located in the County of Los Angeles, State of California, and generally described as (describe briefly the nature of the property and the improvements on the property, if any, and, if applicable, the "Project", if the property is located within a Project) an approximate 4,260 square feet of land, part of a larger parcel of land as outlined in Exhibit "B" ("Premises"). (See also Paragraph 2)

1.3 **Term:** Three (3) years and Zero (0) months ("Original Term") commencing August 1, 2017 ("Commencement Date") and ending July 31, 2020 ("Expiration Date"). (See also Paragraph 3)

1.4 **Early Continued Possession:** If the Premises are available Lessee may have non-exclusive possession of the Premises commencing Early Possession Date. (See also Paragraphs 3.4 and 61 3.2 and 3.3)

1.5 **Base Rent:** \$1,650.00 per month ("Base Rent"), payable on the First (1st) day of each month commencing August 1, 2017. (See also Paragraph 4)

☒ If this box is checked, there are provisions in this Lease for the Base Rent to be adjusted. See Paragraph Exhibit "D"

1.6 Base Rent and Other Monies Paid Upon Execution:

(a) **Base Rent:** \$1,650.00 for the period August 1, 2017 through August 31, 2017.

(b) **Additional Security Deposit:** \$200.00 ("Security Deposit"). (See also Paragraph 5 and 51)

(c) **Other:** \$0.00 for not applicable.

(d) **Total Due Upon Execution of this Lease:** \$1,950.00.

1.7 **Agreed Use:** Iron work and fabrication use only and no other use. Under no circumstance shall Lessee store any toxic chemicals on the Premises (See also Paragraph 6)

1.8 **Insuring Party:** Lessor is the "Insuring Party". The annual "Base Premium" is \$N/A (See also Paragraph 8)

1.9 **Real Estate Brokers:** (See also Paragraph 15 and 25)

(a) **Representation:** The following real estate brokers (the "Brokers") and brokerage relationships exist in this transaction (check applicable boxes):

☒ CANON BUSINESS PROPERTIES, INC. represents Lessor exclusively ("Lessor's Broker");

☒ Lessee's appointed legal counsel represents Lessee exclusively ("Lessee's Broker"); or

☐ _____ represents both Lessor and Lessee ("Dual Agency").

(b) **Payment to Brokers:** (See Paragraph 63 for further detail) Upon execution and delivery of this Lease by both Parties, Lessor shall pay to the Brokers for the brokerage services rendered by the Brokers the fee agreed to in the attached separate written agreement or if no such agreement is attached, the sum of ___ or ___ % of the total Base Rent payable for the Original Term, the sum of ___ or ___ of the total Base Rent payable during any period of time that the Lessee occupies the Premises subsequent to the Original Term, and/or the sum of ___ or ___ % of the purchase price in the event that the Lessee or anyone affiliated with Lessee acquires from Lessor any rights to the Premises.

1.10 **Guarantor.** The obligations of the Lessee under this Lease are to be guaranteed by not applicable ("Guarantor"). (See also Paragraph 37)

1.11 **Attachments.** Attached hereto are the following, all of which constitute a part of this Lease:

☒ Exhibit "A" an Addendum consisting of Paragraphs 51 through 65;

☒ Exhibit "B" a plot plan depicting the Premises;

☐ a current set of the Rules and Regulations;

☐ a Work Letter;

☒ other (specify): Exhibit "C" an Arbitration Agreement; Exhibit "D", Rent Adjustment(s); and Exhibit "E", a Lessee Emergency Contact Information Sheet.

2. Premises.

2.1 **Letting.** Lessor hereby leases to Lessee, and Lessee hereby leases from Lessor, the Premises, for the term, at the rental, and upon all of the terms, covenants and conditions set forth in this Lease. While the approximate square footage of the Premises may have been used in the marketing of the Premises for purposes of comparison, the Base Rent stated herein is NOT tied to square footage and is not subject to adjustment should the actual size be determined to be different. **Note: Lessee is advised to verify the actual size prior to executing this Lease.**

2.2 **Condition.** Lessor shall deliver the Premises to Lessee free of debris on the Commencement Date or the Early Possession Date, whichever first occurs ("Start Date"), and warrants that the existing electrical, plumbing, lighting, if any, and all other such elements in the Premises, other than those constructed by Lessee, shall be in good operating condition on said date. If a non-compliance with said warranty exists as of the Start Date, or if one of such systems or elements should malfunction or fail within the warranty period, Lessor shall, as Lessor's sole obligation with respect to such matter, except as otherwise provided in this Lease, promptly after receipt of written notice from Lessee setting forth with specificity the nature and extent of such non-compliance, malfunction or failure, rectify same at Lessor's expense. The warranty period shall be 30 days. If Lessee does not give Lessor the required notice within the appropriate warranty period, correction of any such non-compliance, malfunction or failure shall be the obligation of Lessee at Lessee's sole cost and expense.

2.3 **Compliance.** Lessor warrants that to the best of its knowledge the improvements on the Premises comply with the building codes, applicable laws, covenants or restrictions of record, regulations, and ordinances ("Applicable Requirements") that were in effect at the time that each improvement, or portion thereof, was constructed. Said warranty does not apply to the use to which Lessee will put the Premises, modifications which may be required by the Any Americans with Disabilities Act or any similar laws that require building/land improvements to be completed to the Premises as a

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result of Lessee's use (see Paragraph 50), or to any Alterations or Utility Installations (as defined in Paragraph 7.3(a)) made or to shall be made by Lessee at Lessee's sole cost and expense. **NOTE: Lessee is responsible for determining whether or not the Applicable Requirements, and especially the zoning, are appropriate for Lessee's intended use, and acknowledges that past uses of the Premises may no longer be allowed.** If the Premises do not comply with said warranty, Lessor shall, except as otherwise provided, promptly after receipt of written notice from Lessee setting forth with specificity the nature and extent of such non-compliance, rectify the same at Lessor's expense. If Lessee does not give Lessor written notice of a non-compliance with this warranty within 6 months following the Start Date, correction of that non-compliance shall be the obligation of Lessee at Lessee's sole cost and expense.

2.4 Acknowledgements. Lessee acknowledges that: (a) it has been given an opportunity to inspect and measure the Premises, (b) it has been advised by Lessor and/or Brokers to satisfy itself with respect to the size and condition of the Premises (including but not limited to the improvements, if any, security, environmental aspects, and compliance with Applicable Requirements and the Americans with Disabilities Act), and their suitability for Lessee's intended use, (c) Lessee has made such investigation as it deems necessary with reference to such matters and assumes all responsibility therefor as the same relate to its occupancy of the Premises, (d) it is not relying on any representation as to the size of the Premises made by Brokers or Lessor, (e) the square footage of the Premises was not material to Lessee's decision to lease the Premises and pay the Rent stated herein, and (f) neither Lessor, Lessor's agents, nor Brokers have made any oral or written representations or warranties with respect to said matters other than as set forth in this Lease. In addition, Lessor acknowledges that: (i) Brokers have made no representations, promises or warranties concerning Lessee's ability to honor the Lease or suitability to occupy the Premises, and (ii) it is Lessor's sole responsibility to investigate the financial capability and/or suitability of all proposed tenants.

2.5 Lessee as Prior Owner/Occupant. The warranties made by Lessor in Paragraph 2 shall be of no force or effect if immediately prior to the Start Date Lessee was the owner or occupant of the Premises. In such event, Lessee shall be responsible for any necessary corrective work.

3. Term.

3.1 Term. The Commencement Date, Expiration Date and Original Term of this Lease are as specified in Paragraph 1.3.

~~**3.2 Early Possession.** Any provision herein granting Lessee Early Possession of the Premises is subject to and conditioned upon the Premises being available for such possession prior to the Commencement Date. Any grant of Early Possession only conveys a non-exclusive right to occupy the Premises. If Lessee totally or partially occupies the Premises prior to the Commencement Date, the obligation to pay Base Rent shall be abated for the period of such early possession. All other terms of this Lease (including but not limited to the obligations to pay Real Property Taxes and insurance premiums and to maintain the Premises) shall be in effect during such period. Any such Early Possession shall not affect the Expiration Date.~~

~~**3.3 Delay in Possession.** Lessor agrees to use its best commercially reasonable efforts to deliver possession of the Premises to Lessee by the Commencement Date. If, despite said efforts, Lessor is unable to deliver possession by such date, Lessor shall not be subject to any liability therefor, nor shall such failure affect the validity of this Lease or change the Expiration Date. Lessee shall not, however, be obligated to pay Rent or perform its other obligations until Lessor delivers possession of the Premises and any period of rent abatement that Lessee would otherwise have enjoyed shall run from the date of delivery of possession and continue for a period equal to what Lessee would otherwise have enjoyed under the terms hereof, but minus any days of delay caused by the acts or omissions of Lessee. If possession is not delivered within 60 days after the Commencement Date, Lessee may, at its option, by notice in writing within 10 days after the end of such 60-day period, cancel this Lease, in which event the Parties shall be discharged from all obligations hereunder. If such written notice is not received by Lessor within said 10-day period, Lessee's right to cancel shall terminate. If possession of the Premises is not delivered within 120 days after the Commencement Date, this Lease shall terminate unless other agreements are reached between Lessor and Lessee, in writing.~~

3.4 Lessee Compliance. Lessor shall not be required to deliver possession Possession of the Premises is subject to Lessee's until Lessee complies compliance with its obligation to provide evidence of insurance (Paragraph 8.5). Pending delivery of such evidence, Lessee shall be required to perform all of its obligations under this Lease from and after the Start Date, including the payment of Rent, notwithstanding Lessor's election to withhold possession pending receipt of such evidence of insurance. Further, if Lessee is required to perform any other conditions prior to or concurrent with the Start Date, the Start Date shall occur but Lessor may elect to withhold possession until such conditions are satisfied.

4. Rent.

4.1 Rent Defined. All monetary obligations of Lessee to Lessor under the terms of this Lease (except for the Security Deposit) are deemed to be rent ("Rent").

4.2 Payment. Lessee shall cause payment of Rent to be received by Lessor in lawful money of the United States, without offset or deduction (except as specifically permitted in this Lease), on or before the day on which it is due. All monetary amounts shall be rounded to the nearest whole dollar. In the event that any invoice prepared by Lessor is inaccurate such inaccuracy shall not constitute a waiver and Lessee shall be obligated to pay the amount set forth in this Lease. Rent for any period during the term hereof which is for less than one full calendar month shall be prorated based upon the actual number of days of said month. Payment of Rent shall be made to Lessor at its address stated herein or to such other persons or place as Lessor may from time to time designate in writing. Acceptance of a payment which is less than the amount then due shall not be a waiver of Lessor's rights to the balance of such Rent, regardless of Lessor's endorsement of any check so stating. In the event that any check, draft, or other instrument of payment given by Lessee to Lessor is dishonored for any reason, Lessee agrees to pay to Lessor the sum of \$25 in addition to any Late Charge and Lessor, at its option, may require all future payments to be made by Lessee to be by cashier's check. Payments will be applied first to accrued late charges and attorney's fees, second to accrued interest, then to Base Rent and Operating Expense Increase, and any remaining amount to any other outstanding charges or costs.


5. Security Deposit. Lessee shall deposit with Lessor upon execution hereof the Security Deposit as security for Lessee's faithful performance of its obligations under this Lease. If Lessee fails to pay Rent, or otherwise Defaults under this Lease, Lessor may use, apply or retain all or any portion of said Security Deposit for the payment of any amount already due Lessor, for Rents which will be due in the future, and/ or to reimburse or compensate Lessor for any liability, expense, loss or damage which Lessor may suffer or incur by reason thereof. If Lessor uses or applies all or any portion of the Security Deposit, Lessee shall within 10 days after written request therefor deposit monies with Lessor sufficient to restore said Security Deposit to the full amount required by this Lease. If the Base Rent increases during the term of this Lease, Lessee shall, upon written request from Lessor, deposit additional monies with Lessor so that the total amount of the Security Deposit shall at all times bear the same proportion to the increased Base Rent as the initial Security Deposit bore to the initial Base Rent. Should the Agreed Use be amended to accommodate a material change in the business of Lessee or to accommodate a sublessee or assignee, Lessor shall have the right to increase the Security Deposit to the extent necessary, in Lessor's reasonable judgment, to account for any increased wear and tear that the Premises may suffer as a result thereof. If a change in control of Lessee occurs during this Lease and following such change the financial condition of Lessee is, in Lessor's reasonable judgment, significantly reduced, Lessee shall deposit such additional monies with Lessor as shall be sufficient to cause the Security Deposit to be at a commercially reasonable level based on such change in financial condition. Lessor shall not be required to keep the Security Deposit separate from its general accounts. Within 90 days after the expiration or termination of this Lease, Lessor shall return that portion of the Security Deposit not used or applied by Lessor. No part of the Security Deposit shall be considered to be held in trust, to bear interest or to be prepayment for any monies to be paid by Lessee under this Lease throughout the Lease Term (including any Option Term(s), as and if applicable).


6. Use.

6.1 Use. Lessee shall use and occupy the Premises only for the Agreed Use, or any other legal use which is reasonably comparable thereto, and for no other purpose. Lessee shall not use or permit the use of the Premises in a manner that is unlawful, creates damage, waste or a nuisance, or that disturbs occupants of or causes damage to neighboring premises or properties. Other than guide, signal and seeing eye dogs, Lessee shall not keep or allow in the Premises any pets, animals, birds, fish, or reptiles. Lessor shall not unreasonably withhold or delay its consent to any written request for a modification of the Agreed Use, so long as the same will not be significantly more burdensome to the Premises. If Lessor elects to withhold consent, Lessor shall within 7 days after such request give written notification of same, which notice shall include an explanation of Lessor's objections to the change in the Agreed Use.

6.2 Hazardous Substances.

(a) Reportable Uses Require Consent. The term "Hazardous Substance" as used in this Lease shall mean any product, substance, or waste whose presence, use, manufacture, disposal, transportation, or release, either by itself or in combination with other materials expected to be on the Premises, is either: (i) potentially injurious to the public health, safety or welfare, the environment or the Premises, (ii) regulated or monitored by any governmental authority, or (iii) a basis for potential liability of Lessor to any governmental agency or third party under any applicable statute or common law theory. Hazardous Substances shall include, but not be limited to, hydrocarbons, petroleum, gasoline, and/or crude oil or any products, by-products or fractions thereof. Lessee shall not engage in any activity in or on the Premises which constitutes a Reportable Use of Hazardous Substances without the express prior written consent of Lessor and timely compliance (at Lessee's expense) with all Applicable Requirements. "Reportable Use" shall mean (i) the installation or use of any above or below ground storage tank, (ii) the generation, possession,


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storage, use, transportation, or disposal of a Hazardous Substance that requires a permit from, or with respect to which a report, notice, registration or business plan is required to be filed with, any governmental authority, and/or (iii) the presence at the Premises of a Hazardous Substance with respect to which any Applicable Requirements requires that a notice be given to persons entering or occupying the Premises or neighboring properties. Notwithstanding the foregoing, Lessee may use any ordinary and customary materials reasonably required to be used in the normal course of the Agreed Use, ordinary office supplies (copier toner, liquid paper, glue, etc.) and common household cleaning materials, so long as such use is in compliance with all Applicable Requirements, is not a Reportable Use, and does not expose the Premises or neighboring property to any meaningful risk of contamination or damage or expose Lessor to any liability therefor. In addition, Lessor may condition its consent to any Reportable Use upon receiving such additional assurances as Lessor reasonably deems necessary to protect itself, the public, the Premises and/or the environment against damage, contamination, injury and/or liability, including, but not limited to, the installation (and removal on or before Lease expiration or termination) of protective modifications (such as concrete encasements) and/or increasing the Security Deposit.

(b) **Duty to Inform Lessor.** If Lessee knows, or has reasonable cause to believe, that a Hazardous Substance has come to be located, on, under or about the Premises, other than as previously consented to by Lessor, Lessee shall immediately give written notice of such fact to Lessor, and provide Lessor with a copy of any report, notice, claim or other documentation which it has concerning the presence of such Hazardous Substance.

(c) **Lessee Remediation.** Lessee shall not cause or permit any Hazardous Substance to be spilled or released, on, under, or about the Premises (including through the plumbing or sanitary sewer system) and shall promptly, at Lessee's expense, comply with all Applicable Requirements and take all investigatory and/or remedial action reasonably recommended, whether or not formally ordered or required, for the cleanup of any contamination of, and for the maintenance, security and/or monitoring of the Premises or neighboring properties, that was caused or materially contributed to by Lessee, or pertaining to or involving any Hazardous Substance brought onto the Premises during the term of this Lease, by or for Lessee, or any third party.

(d) **Lessee Indemnification.** Lessee shall indemnify, defend and hold Lessor, its agents, employees, lenders and ground lessor, if any, harmless from and against any and all loss of rents and/or damages, liabilities, judgments, claims, expenses, penalties, and attorneys' fees arising out of or involving any Hazardous Substance brought onto the Premises by or for Lessee, or any third party (provided, however, that Lessee shall have no liability under this Lease with respect to underground migration of any Hazardous Substance under the Premises from adjacent properties not caused or contributed to by Lessee). Lessee's obligations shall include, but not be limited to, the effects of any contamination or injury to person, property or the environment created or suffered by Lessee, and the cost of investigation, removal, remediation, restoration and/or abatement, and shall survive the expiration or termination of this Lease. **No termination, cancellation or release agreement entered into by Lessor and Lessee shall release Lessee from its obligations under this Lease with respect to Hazardous Substances, unless specifically so agreed by Lessor in writing at the time of such agreement.**

(e) **Lessor Indemnification.** Except as otherwise provided in paragraph 8.7, Lessor and its successors and assigns shall indemnify, defend, reimburse and hold Lessee, its employees and lenders, harmless from and against any and all environmental damages, including the cost of remediation, which result from Hazardous Substances which existed on the Premises prior to Lessee's occupancy or which are caused by the gross negligence or willful misconduct of Lessor, its agents or employees. Lessor's obligations, as and when required by the Applicable Requirements, shall include, but not be limited to, the cost of investigation, removal, remediation, restoration and/or abatement, and shall survive the expiration or termination of this Lease.

(f) **Investigations and Remediations.** Lessor shall retain the responsibility and pay for any investigations or remediation measures required by governmental entities having jurisdiction with respect to the existence of Hazardous Substances on the Premises prior to Lessee's occupancy, unless such remediation measure is required as a result of Lessee's use (including "Alterations", as defined in paragraph 7.3(a) below) of the Premises, in which event Lessee shall be responsible for such payment. Lessee shall cooperate fully in any such activities at the request of Lessor, including allowing Lessor and Lessor's agents to have reasonable access to the Premises at reasonable times in order to carry out Lessor's investigative and remedial responsibilities.

(g) **Lessor Termination Option.** If a Hazardous Substance Condition (see Paragraph 9.1(e)) occurs during the term of this Lease, unless Lessee is legally responsible therefor (in which case Lessee shall make the investigation and remediation thereof required by the Applicable Requirements and this Lease shall continue in full force and effect, but subject to Lessor's rights under Paragraph 6.2(d) and Paragraph 13), Lessor may, at Lessor's option, either (i) investigate and remediate such Hazardous Substance Condition, if required, as soon as reasonably possible at Lessor's expense, in which event this Lease shall continue in full force and effect, or (ii) if the estimated cost to remediate such condition exceeds 12 times the then monthly Base Rent or \$100,000, whichever is greater, give written notice to Lessee, within 30 days after receipt by Lessor of knowledge of the occurrence of such Hazardous Substance Condition, of Lessor's desire to terminate this Lease as of the date 60 days following the date of such notice. (See also Paragraph 62 for further detail).

6.3 **Lessee's Compliance with Applicable Requirements.** Except as otherwise provided in this Lease, Lessee shall, at Lessee's sole expense, fully, diligently and in a timely manner, materially comply with all Applicable Requirements, the requirements of any applicable fire insurance underwriter or rating bureau, and the recommendations of Lessor's engineers and/or consultants which relate in any manner to the such Requirements, without regard to whether such Requirements are now in effect or become effective after the Start Date. Lessee shall, within 10 days after receipt of Lessor's written request, provide Lessor with copies of all permits and other documents, and other information evidencing Lessee's compliance with any Applicable Requirements specified by Lessor, and shall immediately upon receipt, notify Lessor in writing (with copies of any documents involved) of any threatened or actual claim, notice, citation, warning, complaint or report pertaining to or involving the failure of Lessee or the Premises to comply with any Applicable Requirements.

6.4 **Inspection; Compliance.** Lessor and Lessor's "Lender" (as defined in Paragraph 30) and consultants shall have the right to enter onto Premises at any time, in the case of an emergency, and otherwise at reasonable times after reasonable notice, for the purpose of inspecting the condition of the Premises and for verifying compliance by Lessee with this Lease. The cost of any such inspections shall be paid by Lessor, unless a violation of Applicable Requirements, or a Hazardous Substance Condition (see paragraph 9.1) is found to exist or be imminent, or the inspection is requested or ordered by a governmental authority. In such case, Lessee shall upon request reimburse Lessor for the cost of such inspection, so long as such inspection is reasonably related to the violation or contamination. In addition, Lessee shall provide copies of all relevant material safety data sheets (MSDS) to Lessor within 10 days of the receipt of a written request therefor.

7. Maintenance; Repairs; Utility Installations; Trade Fixtures and Alterations.

7.1 Lessee's Obligations.

(a) **In General.** Subject to the provisions of Paragraph 2.2 (Condition), 2.3 (Compliance), 6.3 (Lessee's Compliance with Applicable Requirements), 7.2 (Lessor's Obligations), 9 (Damage or Destruction), and 14 (Condemnation), Lessee shall, at Lessee's sole expense, keep the Premises, in good order, condition and repair (whether or not the need for such repairs occurs as a result of Lessee's use, any prior use, the elements or the age of such portion of the Premises), including, but not limited to, plumbing, lighting facilities, landscaping, driveways, parking lots, fences, retaining walls, signs, sidewalks and parkways located, on, or adjacent to the Premises. Lessee, in keeping the Premises in good order, condition and repair, shall exercise and perform good maintenance practices, specifically including the procurement and maintenance of the service contracts required by Paragraph 7.1(b) below. Lessee's obligations shall include restorations, replacements or renewals when necessary to keep the Premises and all improvements thereon or a part thereof in good order, condition and state of repair. Lessee shall, during the term of this Lease, keep the appearance of the Premises in a first-class condition (including, e.g. graffiti removal).

(b) **Service Contracts.** Lessee shall, at Lessee's sole expense, procure and maintain a contract, with copies to Lessor, in customary form and substance for, and with a contractor specializing and experienced in the maintenance of the landscaping and irrigation systems. However, Lessor reserves the right, upon notice to Lessee, to procure and maintain such service contract, and Lessee shall reimburse Lessor, upon demand, for the cost thereof.

(c) **Failure to Perform.** If Lessee fails to perform Lessee's obligations under this Paragraph 7.1, Lessor may enter upon the Premises after 10 days' prior written notice to Lessee (except in the case of an emergency, in which case no notice shall be required), perform such obligations on Lessee's behalf, and put the Premises in good order, condition and repair, and Lessee shall promptly pay to Lessor a sum equal to 115% of the cost thereof.

7.2 **Lessor's Obligations.** Subject to the provisions of Paragraphs 2.2 (Condition), 2.3 (Compliance), 9 (Damage or Destruction) and 14 (Condemnation), it is intended by the Parties hereto that Lessor have no obligation, in any manner whatsoever, to repair and maintain the Premises. It is the intention of the Parties that the terms of this Lease govern the respective obligations of the Parties as to maintenance and repair of the Premises, and they expressly waive the benefit of any statute now or hereafter in effect to the extent it is inconsistent with the terms of this Lease.

7.3 Utility Installations; Trade Fixtures; Alterations.

(a) **Definitions.** The term "Utility Installations" refers to security and fire protection systems, lighting fixtures, plumbing, and fencing on the Premises. The term "Trade Fixtures" shall mean Lessee's machinery and equipment that can be removed without doing material damage to the Premises. The term "Alterations" shall mean any modification of the improvements, other than Utility Installations or Trade Fixtures, whether by addition or deletion. "Lessee Owned Alterations and/or Utility Installations" are defined as Alterations and/or Utility Installations made


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by Lessee that are not yet owned by Lessor pursuant to Paragraph 7.4(a).

(b) **Consent.** Lessee shall not make any Alterations or Utility Installations to the Premises without Lessor's prior written consent. Lessee may, however, make non-structural Alterations or Utility Installations to the Premises without such consent but upon notice to Lessor, as long as the cumulative cost thereof during this Lease as extended does not exceed a sum equal to 3 month's Base Rent in the aggregate or a sum equal to one month's Base Rent in any one year. Lessor may, as a precondition to granting such approval, require Lessee to utilize a contractor chosen and/or approved by Lessor. Any Alterations or Utility Installations that Lessee shall desire to make and which require the consent of the Lessor shall be presented to Lessor in written form with detailed plans. Consent shall be deemed conditioned upon Lessee's: (i) acquiring all applicable governmental permits, (ii) furnishing Lessor with copies of both the permits and the plans and specifications prior to commencement of the work, and (iii) compliance with all conditions of said permits and other Applicable Requirements in a prompt and expeditious manner. Any Alterations or Utility Installations shall be performed in a workmanlike manner with good and sufficient materials. Lessee shall promptly upon completion furnish Lessor with as-built plans and specifications. For work which costs an amount in excess of one month's Base Rent, Lessor may condition its consent upon Lessee providing a lien and completion bond in an amount equal to 150% of the estimated cost of such Alteration or Utility Installation and/or upon Lessee's posting an additional Security Deposit with Lessor.

(c) **Liens; Bonds.** Lessee shall pay, when due, all claims for labor or materials furnished or alleged to have been furnished to or for Lessee at or for use on the Premises, which claims are or may be secured by any mechanic's or materialmen's lien against the Premises or any interest therein. Lessee shall give Lessor not less than 10 days notice prior to the commencement of any work in, on or about the Premises, and Lessor shall have the right to post notices of non-responsibility. If Lessee shall contest the validity of any such lien, claim or demand, then Lessee shall, at its sole expense defend and protect itself, Lessor and the Premises against the same and shall pay and satisfy any such adverse judgment that may be rendered thereon before the enforcement thereof. If Lessor shall require, Lessee shall furnish a surety bond in an amount equal to 150% of the amount of such contested lien, claim or demand, indemnifying Lessor against liability for the same. If Lessor elects to participate in any such action, Lessee shall pay Lessor's attorneys' fees and costs.

7.4 Ownership; Removal; Surrender; and Restoration.

(a) **Ownership.** Subject to Lessor's right to require removal or elect ownership as hereinafter provided, all Alterations and Utility Installations made by Lessee shall be the property of Lessee, but considered a part of the Premises. Lessor may, at any time, elect in writing to be the owner of all or any specified part of the Lessee Owned Alterations and Utility Installations. Unless otherwise instructed per paragraph 7.4(b) hereof, all Lessee Owned Alterations and Utility Installations shall, at the expiration or termination of this Lease, become the property of Lessor and be surrendered by Lessee with the Premises.

(b) **Removal.** By delivery to Lessee of written notice from Lessor not earlier than 90 and not later than 30 days prior to the end of the term of this Lease, Lessor may require that any or all Lessee Owned Alterations or Utility Installations be removed by the expiration or termination of this Lease. Lessor may require the removal at any time of all or any part of any Lessee Owned Alterations or Utility Installations made without the required consent.

(c) **Surrender; Restoration.** Lessee shall surrender the Premises by the Expiration Date or any earlier termination date, with all of the improvements, parts and surfaces thereof broom clean and free of debris, and in good operating order, condition and state of repair, ordinary wear and tear excepted. "Ordinary wear and tear" shall not include any damage or deterioration that would have been prevented by good maintenance practice. Notwithstanding the foregoing, if this Lease is for 12 months or less, then Lessee shall surrender the Premises in the same condition as delivered to Lessee on the Start Date with NO allowance for ordinary wear and tear. Lessee shall repair any damage occasioned by the installation, maintenance or removal of Trade Fixtures, Lessee owned Alterations and/or Utility Installations, furnishings, and equipment as well as the removal of any storage tank installed by or for Lessee. Lessee shall completely remove from the Premises any and all Hazardous Substances brought onto the Premises by or for Lessee, or any third party (except Hazardous Substances which were deposited via underground migration from areas outside of the Premises) even if such removal would require Lessee to perform or pay for work that exceeds statutory requirements. Trade Fixtures shall remain the property of Lessee and shall be removed by Lessee. Any personal property of Lessee not removed on or before the Expiration Date or any earlier termination date shall be deemed to have been abandoned by Lessee and may be disposed of or retained by Lessor as Lessor may desire. The failure by Lessee to timely vacate the Premises pursuant to this Paragraph 7.4(c) without the express written consent of Lessor shall constitute a holdover under the provisions of Paragraph 26 below.

8. Insurance; Indemnity.

8.1 Payment of Premium Increases.

(a) Lessee shall pay to Lessor any insurance cost increase ("**Insurance Cost Increase**") occurring during the term of this Lease. Insurance Cost Increase is defined as any increase in the actual cost of the insurance required under Paragraph 8.2(b), 8.3(a) and 8.3(b) over and above the Base Premium as hereinafter defined calculated on an annual basis. Insurance Cost Increase shall include but not be limited to increases resulting from the nature of Lessee's occupancy, any act or omission of Lessee, requirements of the holder of mortgage or deed of trust covering the Premises, increased valuation of the Premises and/or a premium rate increase. The parties are encouraged to fill in the Base Premium in paragraph 1.8 with a reasonable premium for such insurance based on the Agreed Use of the Premises. If the parties fail to insert a dollar amount in Paragraph 1.8, then the Base Premium shall be the lowest annual premium reasonably obtainable for the required insurance as of the commencement of the Original Term for the Agreed Use of the Premises. In no event, however, shall Lessee be responsible for any portion of the increase in the premium cost attributable to liability insurance carried by Lessor under Paragraph 8.2(b) in excess of \$2,000,000 per occurrence.

(b) Lessee shall pay any such Insurance Cost Increase to Lessor within 30 days after receipt by Lessee of a copy of the premium statement or other reasonable evidence of the amount due. If the insurance policies maintained hereunder cover other property besides the Premises, Lessor shall also deliver to Lessee a statement of the amount of such Insurance Cost Increase attributable only to the Premises showing in reasonable detail the manner in which such amount was computed. Premiums for policy periods commencing prior to, or extending beyond the term of this Lease, shall be prorated to correspond to the term of this Lease.

8.2 Liability Insurance.

(a) **Carried by Lessee.** Lessee shall obtain and keep in force a Commercial General Liability policy of insurance protecting Lessee and Lessor as an additional insured against claims for bodily injury, personal injury and property damage based upon or arising out of the ownership, use, occupancy or maintenance of the Premises and all areas appurtenant thereto. Such insurance shall be on an occurrence basis providing single limit coverage in an amount not less than \$1,000,000 per occurrence with an annual aggregate of not less than \$2,000,000. Lessee shall add Lessor as an additional insured by means of an endorsement at least as broad as the Insurance Service Organization's "Additional Insured-Managers or Lessors of Premises" Endorsement. The policy shall not contain any intra-insured exclusions as between insured persons or organizations, but shall include coverage for liability assumed under this Lease as an "insured contract" for the performance of Lessee's indemnity obligations under this Lease. The limits of said insurance shall not, however, limit the liability of Lessee nor relieve Lessee of any obligation hereunder. Lessee shall provide an endorsement on its liability policy(ies) which provides that its insurance shall be primary to and not contributory with any similar insurance carried by Lessor, whose insurance shall be considered excess insurance only.

(b) **Carried by Lessor.** Lessor shall maintain liability insurance as described in Paragraph 8.2(a), in addition to, and not in lieu of, the insurance required to be maintained by Lessee. Lessee shall not be named as an additional insured therein.

8.3 Property Insurance, Improvements and Rental Value.

(a) **Improvements.** The Insuring Party shall obtain and keep in force a policy or policies in the name of Lessor, with loss payable to Lessor, any ground lessor, and to any Lender insuring loss or damage to the Premises. The amount of such insurance shall be equal to the full insurable replacement cost of the Premises, as the same shall exist from time to time, or the amount required by any Lender, but in no event more than the commercially reasonable and available insurable value thereof. Lessee Owned Alterations and Utility Installations, Trade Fixtures, and Lessee's personal property shall be insured by Lessee and not by Lessor. If the coverage is available and commercially appropriate, such policy or policies shall insure against all risks of direct physical loss or damage (except the perils of flood and/or earthquake unless required by a Lender or included in the Base Premium), including coverage for debris removal and the enforcement of any Applicable Requirements requiring the upgrading, demolition, reconstruction or replacement of any portion of the Premises as the result of a covered loss. Said policy or policies shall also contain an agreed valuation provision in lieu of any coinsurance clause, waiver of subrogation, and inflation guard protection causing an increase in the annual property insurance coverage amount by a factor of not less than the adjusted U.S. Department of Labor Consumer Price Index for All Urban Consumers for the city nearest to where the Premises are located. If such insurance coverage has a deductible clause, the deductible amount shall not exceed \$5,000 per occurrence, and Lessee shall be liable for such deductible amount in the event of an Insured Loss.

(b) **Rental Value.** The Insuring Party shall obtain and keep in force a policy or policies in the name of Lessor with loss payable to Lessor and any Lender, insuring the loss of the full Rent for one year with an extended period of indemnity for an additional 180 days ("**Rental Value Insurance**"). Said insurance shall contain an agreed valuation provision in lieu of any coinsurance clause, and the amount of coverage shall be adjusted annually to reflect the projected Rent otherwise payable by Lessee, for the next 12-month period. Lessee shall be liable for any deductible amount in the event of such loss.

(c) **Adjacent Premises.** If the Premises are part of a larger property owned by Lessor, the Lessee shall pay for any increase in the premiums for the property insurance of such adjacent property if said increase is caused by Lessee's acts, omissions, use or occupancy of the


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Premises.

8.4 Lessee's Property; Coverage; Worker's Compensation Insurance.

(a) **Property Damage.** Lessee shall obtain and maintain insurance coverage on all of Lessee's personal property, Trade Fixtures, and Lessee Owned Alterations and Utility Installations. Such insurance shall be full replacement cost coverage with a deductible of not to exceed \$1,000 per occurrence. The proceeds from any such insurance shall be used by Lessee for the replacement of personal property, Trade Fixtures and Lessee Owned Alterations and Utility Installations.

(b) **Worker's Compensation Insurance.** Lessee shall obtain and maintain Worker's Compensation Insurance in such amount as may be required by Applicable Requirements. Such policy shall include a 'Waiver of Subrogation' endorsement. Lessee shall provide Lessor with a copy of such endorsement along with the certificate of insurance or copy of the policy required by paragraph 8.5.

(c) **No Representation of Adequate Coverage.** Lessor makes no representation that the limits or forms of coverage of insurance specified herein are adequate to cover Lessee's property, business operations or obligations under this Lease.

8.5 Insurance Policies. Insurance required herein shall be by companies maintaining during the policy term a "General Policyholders Rating" of at least A-, VII, as set forth in the most current issue of "Best's Insurance Guide", or such other rating as may be required by a Lender. Lessee shall not do or permit to be done anything which invalidates the required insurance policies. Lessee shall, prior to the Start Date, deliver to Lessor certified copies of policies of such insurance or certificates with copies of the required endorsements evidencing the existence and amounts of the required insurance. No such policy shall be cancelable or subject to modification except after 30 days prior written notice to Lessor. Lessee shall, at least 10 days prior to the expiration of such policies, furnish Lessor with evidence of renewals or "insurance binders" evidencing renewal thereof, or Lessor may order such insurance and charge the cost thereof to Lessee, which amount shall be payable by Lessee to Lessor upon demand. Such policies shall be for a term of at least one year, or the length of the remaining term of this Lease, whichever is less. If either Party shall fail to procure and maintain the insurance required to be carried by it, the other Party may, but shall not be required to, procure and maintain the same.

8.6 Waiver of Subrogation. Without affecting any other rights or remedies, Lessee and Lessor each hereby release and relieve the other, and waive their entire right to recover damages against the other, for loss of or damage to its property arising out of or incident to the perils required to be insured against herein. The effect of such releases and waivers is not limited by the amount of insurance carried or required, or by any deductibles applicable hereto. The Parties agree to have their respective property damage insurance carriers waive any right to subrogation that such companies may have against Lessor or Lessee, as the case may be, so long as the insurance is not invalidated thereby.

8.7 Indemnity. Except for Lessor's gross negligence or willful misconduct, Lessee shall indemnify, protect, defend and hold harmless the Premises, Lessor and its agents, Lessor's master or ground lessor, partners and Lenders, from and against any and all claims, loss of rents and/or damages, liens, judgments, penalties, attorneys' and consultants' fees, expenses and/or liabilities arising out of, involving, or in connection with, the use and/or occupancy of the Premises by Lessee. If any action or proceeding is brought against Lessor by reason of any of the foregoing matters, Lessee shall upon notice defend the same at Lessee's expense by counsel reasonably satisfactory to Lessor and Lessor shall cooperate with Lessee in such defense. Lessor need not have first paid any such claim in order to be defended or indemnified.

8.8 Exemption of Lessor and its Agents from Liability. Notwithstanding the negligence or breach of this Lease by Lessor or its agents, neither Lessor nor its agents shall be liable under any circumstances for: (i) injury or damage to the person or goods, wares, merchandise or other property of Lessee, Lessee's employees, contractors, invitees, customers, or any other person in or about the Premises, from any cause, (ii) any damages arising from any act or neglect of any other tenant of Lessor or from the failure of Lessor or its agents to enforce the provisions of any other lease in the Project, or (iii) injury to Lessee's business or for any loss of income or profit therefrom. Instead, it is intended that Lessee's sole recourse in the event of such damages or injury be to file a claim on the insurance policy(ies) that Lessee is required to maintain pursuant to the provisions of paragraph 8.

8.9 Failure to Provide Insurance. Lessee acknowledges that any failure on its part to obtain or maintain the insurance required herein will expose Lessor to risks and potentially cause Lessor to incur costs not contemplated by this Lease, the extent of which will be extremely difficult to ascertain. Accordingly, for any month or portion thereof that Lessee does not maintain the required insurance and/or does not provide Lessor with the required binders or certificates evidencing the existence of the required insurance, the Base Rent shall be automatically increased, without any requirement for notice to Lessee, by an amount equal to 10% of the then existing Base Rent or \$100, whichever is greater. The parties agree that such increase in Base Rent represents fair and reasonable compensation for the additional risk/ costs that Lessor will incur by reason of Lessee's failure to maintain the required insurance. Such increase in Base Rent shall in no event constitute a waiver of Lessee's Default or Breach with respect to the failure to maintain such insurance, prevent the exercise of any of the other rights and remedies granted hereunder, nor relieve Lessee of its obligation to maintain the insurance specified in this Lease.

9. Damage or Destruction.

9.1 Insured Loss. If the improvements on the Premises are damaged and such damage is an Insured Loss, then Lessor shall, at Lessor's expense, repair such damage (but not Lessee's Trade Fixtures or Lessee Owned Alterations and Utility Installations) as soon as reasonably possible and this Lease shall continue in full force and effect; provided, however, that Lessee shall, at Lessor's election, make the repair of any damage or destruction the total cost to repair of which is \$10,000 or less, and, in such event, Lessor shall make any applicable insurance proceeds available to Lessee on a reasonable basis for that purpose. Notwithstanding the foregoing, if the required insurance was not in force or the insurance proceeds are not sufficient to effect such repair, the Insuring Party shall promptly contribute the shortage in proceeds (except as to the deductible which is Lessee's responsibility) as and when required to complete said repairs. In the event, however, such shortage was due to the fact that, by reason of the unique nature of the improvements, full replacement cost insurance coverage was not commercially reasonable and available, Lessor shall have no obligation to pay for the shortage in insurance proceeds or to fully restore the unique aspects of the Premises.

9.2 Uninsured Loss. If the improvements on the Premises are damaged and such damage is not an Insured Loss, unless caused by a negligent or willful act of Lessee (in which event Lessee shall make the repairs at Lessee's expense), Lessor may either: (i) repair such damage as soon as reasonably possible at Lessor's expense, in which event this Lease shall continue in full force and effect, or (ii) terminate this Lease by giving written notice to Lessee within 30 days after receipt by Lessor of knowledge of the occurrence of such damage. Such termination shall be effective 60 days following the date of such notice.

9.3 Abatement of Rent; Lessee's Remedies.

(a) **Abatement.** In the event the improvement on the Premises are damaged or a Hazardous Substance Condition for which Lessee is not responsible under this Lease occurs ('Hazardous Substance Condition' shall mean the occurrence or discovery of a condition involving the presence of, or a contamination by, a Hazardous Substance on or under the Premises which requires remediation), the Rent payable by Lessee for the period required for the repair, remediation or restoration of such damage shall be abated in proportion to the degree to which Lessee's use of the Premises is impaired, but not to exceed the proceeds received from the Rental Value insurance. All other obligations of Lessee hereunder shall be performed by Lessee, and Lessor shall have no liability for any such damage, destruction, remediation, repair or restoration except as provided herein.

(b) **Remedies.** If Lessor is obligated to repair or restore the Premises and does not commence, in a substantial and meaningful way, such repair or restoration within 90 days after such obligation shall accrue, Lessee may, at any time prior to the commencement of such repair or restoration, give written notice to Lessor and to any Lenders of which Lessee has actual notice, of Lessee's election to terminate this Lease on a date not less than 60 days following the giving of such notice. If Lessee gives such notice and such repair or restoration is not commenced within 30 days thereafter, this Lease shall terminate as of the date specified in said notice. If the repair or restoration is commenced within such 30 days, this Lease shall continue in full force and effect. "Commence" shall mean either the unconditional authorization of the preparation of the required plans, or the beginning of the actual work on the Premises, whichever first occurs.

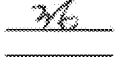
9.4 Termination; Advance Payments. Upon termination of this Lease pursuant to Paragraph 6.2(g) or Paragraph 9, an equitable adjustment shall be made concerning advance Base Rent and any other advance payments made by Lessee to Lessor. Lessor shall, in addition, return to Lessee so much of Lessee's Security Deposit as has not been, or is not then required to be, used by Lessor.

9.5 Waive Statutes. Lessor and Lessee agree that the terms of this Lease shall govern the effect of any damage to or destruction of the Premises with respect to the termination of this Lease and hereby waive the provisions of any present or future statute to the extent inconsistent herewith.

10. Real Property Taxes.

10.1 Definition. As used herein, the term "Real Property Taxes" shall include any form of assessment; real estate, general, special, ordinary or extraordinary, or rental levy or tax (other than inheritance, personal income or estate taxes); improvement bond; and/or license fee imposed upon or levied against any legal or equitable interest of Lessor in the Premises or the Project, Lessor's right to other income therefrom, and/or Lessor's business of leasing, by any authority having the direct or indirect power to tax and where the funds are generated with reference to the Building address and where the proceeds so generated are to be applied by the city, county or other local taxing authority of a jurisdiction within which the Premises are located. Real Property Taxes shall also include any tax, fee, levy, assessment or charge, or any increase therein: (i) imposed by reason of events occurring during the term of this Lease, including but not limited to, a change in the ownership of the Premises, and (ii) levied or assessed on machinery or equipment provided by Lessor to Lessee pursuant to this Lease.


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(a) **Payment of Taxes.** Lessor shall pay the Real Property Taxes applicable to the Premises provided, however, that Lessee shall pay to Lessor the amount, if any, by which Real Property Taxes applicable to the Premises increase over the fiscal tax year during which the Commencement Date Occurs ("Tax Increase"). Payment of any such Tax Increase shall be made by Lessee to Lessor within 30 days after receipt of Lessor's written statement setting forth the amount due and computation thereof. If any such taxes shall cover any period of time prior to or after the expiration or termination of this Lease, Lessee's share of such taxes shall be prorated to cover only that portion of the tax bill applicable to the period that this Lease is in effect. In the event lessee incurs a late charge on any Rent payment, Lessor may estimate the current Real Property Taxes, and require that the Tax Increase be paid in advance to Lessor by Lessee monthly in advance with the payment of the Base Rent. Such monthly payment shall be an amount equal to the amount of the estimated installment of the Tax Increase divided by the number of months remaining before the month in which said installment becomes delinquent. When the actual amount of the applicable Tax Increase is known, the amount of such equal monthly advance payments shall be adjusted as required to provide the funds needed to pay the applicable Tax Increase. If the amount collected by Lessor is insufficient to pay the Tax Increase when due, Lessee shall pay Lessor, upon demand, such additional sums as are necessary to pay such obligations. Advance payments may be intermingled with other moneys of Lessor and shall not bear interest. In the event of a Breach by Lessee in the performance of its obligations under this Lease, then any such advance payments may be treated by Lessor as an additional Security Deposit.

(b) **Additional Improvements.** Notwithstanding anything to the contrary in this Paragraph 10.2, Lessee shall pay to Lessor upon demand thereof the entirety of any increase in Real Property Taxes assessed by reason of Alterations or Utility Installations placed upon the Premises by Lessee or at Lessee's request or by reason of any alterations or improvements to the Premises made by Lessor subsequent to the execution of this Lease by the Parties.

10.3 **Joint Assessment.** If the Premises are not separately assessed, Lessee's liability shall be an equitable proportion of the Tax Increase for all of the land and improvements included within the tax parcel assessed, such proportion to be conclusively determined by Lessor from the respective valuations assigned in the assessor's work sheets or such other information as may be reasonably available.

10.4 **Personal Property Taxes.** Lessee shall pay, prior to delinquency, all taxes assessed against and levied upon Lessee Owned Alterations, Utility Installations, Trade Fixtures, furnishings, equipment and all personal property of Lessee. When possible, Lessee shall cause its Lessee Owned Alterations and Utility Installations, Trade Fixtures, furnishings, equipment and all other personal property to be assessed and billed separately from the real property of Lessor. If any of Lessee's said property shall be assessed with Lessor's real property, Lessee shall pay Lessor the taxes attributable to Lessee's property within 10 days after receipt of a written statement setting forth the taxes applicable to Lessee's property.

11. **Utilities and Services.** Lessee shall pay for all water, gas, heat, light, power, telephone, trash disposal and other utilities and services supplied to the Premises, together with any taxes thereon. If any such services are not separately metered or billed to Lessee, Lessee shall pay a reasonable proportion, to be determined by Lessor, of all charges jointly metered or billed. There shall be no abatement of rent and Lessor shall not be liable in any respect whatsoever for the inadequacy, stoppage, interruption or discontinuance of any utility or service due to riot, strike, labor dispute, breakdown, accident, repair or other cause beyond Lessor's reasonable control or in cooperation with governmental request or directions.

12. Assignment and Subletting.

12.1 Lessor's Consent Required.

(a) Lessee shall not voluntarily or by operation of law assign, transfer, mortgage or encumber (collectively, "assign or assignment") or sublet all or any part of Lessee's interest in this Lease or in the Premises without Lessor's prior written consent.

(b) Unless Lessee is a corporation and its stock is publicly traded on a national stock exchange, a change in the control of Lessee shall constitute an assignment requiring consent. The transfer, on a cumulative basis, of 25% or more of the voting control of Lessee shall constitute a change in control for this purpose.

(c) The involvement of Lessee or its assets in any transaction, or series of transactions (by way of merger, sale, acquisition, financing, transfer, leveraged buy-out or otherwise), whether or not a formal assignment or hypothecation of this Lease or Lessee's assets occurs, which results or will result in a reduction of the Net Worth of Lessee by an amount greater than 25% of such Net Worth as it was represented at the time of the execution of this Lease or at the time of the most recent assignment to which Lessor has consented, or as it exists immediately prior to said transaction or transactions constituting such reduction, whichever was or is greater, shall be considered an assignment of this Lease to which Lessor may withhold its consent. "Net Worth of Lessee" shall mean the net worth of Lessee (excluding any guarantors) established under generally accepted accounting principles.

(d) An assignment or subletting without consent shall, at Lessor's option, be a Default curable after notice per Paragraph 13.1(c), or a noncurable Breach without the necessity of any notice and grace period. If Lessor elects to treat such unapproved assignment or subletting as a noncurable Breach, Lessor may either: (i) terminate this Lease, or (ii) upon 30 days written notice, increase the monthly Base Rent to 110% of the Base Rent then in effect. Further, in the event of such Breach and rental adjustment, (i) the purchase price of any option to purchase the Premises held by Lessee shall be subject to similar adjustment to 110% of the price previously in effect, and (ii) all fixed and non-fixed rental adjustments scheduled during the remainder of the Lease term shall be increased to 110% of the scheduled adjusted rent.

(e) Lessee's remedy for any breach of Paragraph 12.1 by Lessor shall be limited to compensatory damages and/or injunctive relief.

(f) Lessor may reasonably withhold consent to a proposed assignment or subletting if Lessee is in Default at the time consent is requested.

(g) Notwithstanding the foregoing, allowing a de minimis portion of the Premises, ie. 20 square feet or less, to be used by a third party vendor in connection with the installation of a vending machine or payphone shall not constitute a subletting.

12.2 Terms and Conditions Applicable to Assignment and Subletting.

(a) Regardless of Lessor's consent, no assignment or subletting shall: (i) be effective without the express written assumption by such assignee or sublessee of the obligations of Lessee under this Lease, (ii) release Lessee of any obligations hereunder, or (iii) alter the primary liability of Lessee for the payment of Rent or for the performance of any other obligations to be performed by Lessee.

(b) Lessor may accept Rent or performance of Lessee's obligations from any person other than Lessee pending approval or disapproval of an assignment. Neither a delay in the approval or disapproval of such assignment nor the acceptance of Rent or performance shall constitute a waiver or estoppel of Lessor's right to exercise its remedies for Lessee's Default or Breach.

(c) Lessor's consent to any assignment or subletting shall not constitute a consent to any subsequent assignment or subletting.

(d) In the event of any Default or Breach by Lessee, Lessor may proceed directly against Lessee, any Guarantors or anyone else responsible for the performance of Lessee's obligations under this Lease, including any assignee or sublessee, without first exhausting Lessor's remedies against any other person or entity responsible therefor to Lessor, or any security held by Lessor.

(e) Each request for consent to an assignment or subletting shall be in writing, accompanied by information relevant to Lessor's determination as to the financial and operational responsibility and appropriateness of the proposed assignee or sublessee, including but not limited to the intended use and/or required modification of the Premises, if any, together with a fee of \$500 as consideration for Lessor's considering and processing said request. Lessee agrees to provide Lessor with such other or additional information and/or documentation as may be reasonably requested. (See also Paragraph 36)

(f) Any assignee of, or sublessee under, this Lease shall, by reason of accepting such assignment, entering into such sublease, or entering into possession of the Premises or any portion thereof, be deemed to have assumed and agreed to conform and comply with each and every term, covenant, condition and obligation herein to be observed or performed by Lessee during the term of said assignment or sublease, other than such obligations as are contrary to or inconsistent with provisions of an assignment or sublease to which Lessor has specifically consented to in writing.

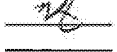
(g) Lessor's consent to any assignment or subletting shall not transfer to the assignee or sublessee any Option granted to the original Lessee by this Lease unless such transfer is specifically consented to by Lessor in writing. (See Paragraph 39.2)

12.3 **Additional Terms and Conditions Applicable to Subletting.** The following terms and conditions shall apply to any subletting by Lessee of all or any part of the Premises and shall be deemed included in all subleases under this Lease whether or not expressly incorporated therein:

(a) Lessee hereby assigns and transfers to Lessor all of Lessee's interest in all Rent payable on any sublease, and Lessor may collect such Rent and apply same toward Lessee's obligations under this Lease; provided, however, that until a Breach shall occur in the performance of Lessee's obligations, Lessee may collect said Rent. In the event that the amount collected by Lessor exceeds Lessee's then outstanding obligations any such excess shall be refunded to Lessee. Lessor shall not, by reason of the foregoing or any assignment of such sublease, nor by reason of the collection of Rent, be deemed liable to the sublessee for any failure of Lessee to perform and comply with any of Lessee's obligations to such sublessee. Lessee hereby irrevocably authorizes and directs any such sublessee, upon receipt of a written notice from Lessor stating that a Breach exists in the performance of Lessee's obligations under this Lease, to pay to Lessor all Rent due and to become due under the sublease. Sublessee shall rely upon any such notice from Lessor and shall pay all Rents to Lessor without any obligation or right to inquire as to whether such Breach exists, notwithstanding any claim from Lessee to the contrary.

(b) In the event of a Breach by Lessee, Lessor may, at its option, require sublessee to attorn to Lessor, in which event Lessor shall undertake the obligations of the sublessor under such sublease from the time of the exercise of said option to the expiration of such sublease; provided, however, Lessor shall not be liable for any prepaid rents or security deposit paid by such sublessee to such sublessor or for any prior Defaults or


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Breaches of such sublessor.

(c) Any matter requiring the consent of the sublessor under a sublease shall also require the consent of Lessor.

(d) No sublessee shall further assign or sublet all or any part of the Premises without Lessor's prior written consent.

(e) Lessor shall deliver a copy of any notice of Default or Breach by Lessee to the sublessee, who shall have the right to cure the Default of Lessee within the grace period, if any, specified in such notice. The sublessee shall have a right of reimbursement and offset from and against Lessee for any such Defaults cured by the sublessee.

13. Default; Breach; Remedies.

13.1 Default; Breach. A "Default" is defined as a failure by the Lessee to comply with or perform any of the terms, covenants, conditions or Rules and Regulations under this Lease. A "Breach" is defined as the occurrence of one or more of the following Defaults, and the failure of Lessee to cure such Default within any applicable grace period:

(a) The abandonment of the Premises; or the vacating of the Premises without providing a commercially reasonable level of security, or where the coverage of the property insurance described in Paragraph 8.3 is jeopardized as a result thereof, or without providing reasonable assurances to minimize potential vandalism.

(b) The failure of Lessee to make any payment of Rent or any Security Deposit required to be made by Lessee hereunder, whether to Lessor or to a third party, when due, to provide reasonable evidence of insurance or surety bond, or to fulfill any obligation under this Lease which endangers or threatens life or property, where such failure continues for a period of 3 business days following written notice to Lessee. THE ACCEPTANCE BY LESSOR OF A PARTIAL PAYMENT OF RENT OR SECURITY DEPOSIT SHALL NOT CONSTITUTE A WAIVER OF ANY OF LESSOR'S RIGHTS, INCLUDING LESSOR'S RIGHT TO RECOVER POSSESSION OF THE PREMISES.

(c) The failure of Lessee to allow Lessor and/or its agents access to the Premises or the commission of waste, act or acts constituting public or private nuisance, and/or an illegal activity on the Premises by Lessee, where such actions continue for a period of 3 business days following written notice to Lessee.

(d) The failure by Lessee to provide (i) reasonable written evidence of compliance with Applicable Requirements, (ii) the service contracts, (iii) the rescission of an unauthorized assignment or subletting, (iv) an Estoppel Certificate or financial statements, (v) a requested subordination, (vi) evidence concerning any guaranty and/or Guarantor, (vii) any document requested under Paragraph 42, (viii) material safety data sheets (MSDS), or (ix) any other documentation or information which Lessor may reasonably require of Lessee under the terms of this Lease, where any such failure continues for a period of 10 days following written notice to Lessee.

(e) A Default by Lessee as to the terms, covenants, conditions or provisions of this Lease, or of the rules adopted under Paragraph 40 hereof, other than those described in subparagraphs 13.1(a), (b), (c) or (d), above, where such Default continues for a period of 30 days after written notice; provided, however, that if the nature of Lessee's Default is such that more than 30 days are reasonably required for its cure, then it shall not be deemed to be a Breach if Lessee commences such cure within said 30 day period and thereafter diligently prosecutes such cure to completion.

(f) The occurrence of any of the following events: (i) the making of any general arrangement or assignment for the benefit of creditors; (ii) becoming a "debtor" as defined in 11 U.S.C. §101 or any successor statute thereto (unless, in the case of a petition filed against Lessee, the same is dismissed within 60 days); (iii) the appointment of a trustee or receiver to take possession of substantially all of Lessee's assets located at the Premises or of Lessee's interest in this Lease, where possession is not restored to Lessee within 30 days; or (iv) the attachment, execution or other judicial seizure of substantially all of Lessee's assets located at the Premises or of Lessee's interest in this Lease, where such seizure is not discharged within 30 days; provided, however, in the event that any provision of this subparagraph (e) is contrary to any applicable law, such provision shall be of no force or effect, and not affect the validity of the remaining provisions.

(g) The discovery that any financial statement of Lessee or of any Guarantor given to Lessor was materially false.

(h) If the performance of Lessee's obligations under this Lease is guaranteed: (i) the death of a Guarantor, (ii) the termination of a Guarantor's liability with respect to this Lease other than in accordance with the terms of such guaranty, (iii) a Guarantor's becoming insolvent or the subject of a bankruptcy filing, (iv) a Guarantor's refusal to honor the guaranty, or (v) a Guarantor's breach of its guaranty obligation on an anticipatory basis, and Lessee's failure, within 60 days following written notice of any such event, to provide written alternative assurance or security, which, when coupled with the then existing resources of Lessee, equals or exceeds the combined financial resources of Lessee and the Guarantors that existed at the time of execution of this Lease.

13.2 Remedies. If Lessee fails to perform any of its affirmative duties or obligations, within 10 days after written notice (or in case of an emergency, without notice), Lessor may, at its option, perform such duty or obligation on Lessee's behalf, including but not limited to the obtaining of reasonably required bonds, insurance policies, or governmental licenses, permits or approvals. Lessee shall pay to Lessor an amount equal to 115% of the costs and expenses incurred by Lessor in such performance upon receipt of an invoice therefor. In the event of a Breach, Lessor may, with or without further notice or demand, and without limiting Lessor in the exercise of any right or remedy which Lessor may have by reason of such Breach:

(a) Terminate Lessee's right to possession of the Premises by any lawful means, in which case this Lease shall terminate and Lessee shall immediately surrender possession to Lessor. In such event Lessor shall be entitled to recover from Lessee: (i) the unpaid Rent which had been earned at the time of termination; (ii) the worth at the time of award of the amount by which the unpaid rent which would have been earned after termination until the time of award exceeds the amount of such rental loss that the Lessee proves could have been reasonably avoided; (iii) the worth at the time of award of the amount by which the unpaid rent for the balance of the term after the time of award exceeds the amount of such rental loss that the Lessee proves could be reasonably avoided; and (iv) any other amount necessary to compensate Lessor for all the detriment proximately caused by the Lessee's failure to perform its obligations under this Lease or which in the ordinary course of things would be likely to result therefrom, including but not limited to the cost of recovering possession of the Premises, expenses of reletting, including necessary renovation and alteration of the Premises, reasonable attorneys' fees, and that portion of any leasing commission paid by Lessor in connection with this Lease applicable to the unexpired term of this Lease. The worth at the time of award of the amount referred to in provision (iii) of the immediately preceding sentence shall be computed by discounting such amount at the discount rate of the Federal Reserve Bank of the District within which the Premises are located at the time of award plus one percent. Efforts by Lessor to mitigate damages caused by Lessee's Breach of this Lease shall not waive Lessor's right to recover any damages to which Lessor is otherwise entitled. If termination of this Lease is obtained through the provisional remedy of unlawful detainer, Lessor shall have the right to recover in such proceeding any unpaid Rent and damages as are recoverable therein, or Lessor may reserve the right to recover all or any part thereof in a separate suit. If a notice and grace period required under Paragraph 13.1 was not previously given, a notice to pay rent or quit, or to perform or quit given to Lessee under the unlawful detainer statute shall also constitute the notice required by Paragraph 13.1. In such case, the applicable grace period required by Paragraph 13.1 and the unlawful detainer statute shall run concurrently, and the failure of Lessee to cure the Default within the greater of the two such grace periods shall constitute both an unlawful detainer and a Breach of this Lease entitling Lessor to the remedies provided for in this Lease and/or by said statute.

(b) Continue the Lease and Lessee's right to possession and recover the Rent as it becomes due, in which event Lessee may sublet or assign, subject only to reasonable limitations. Acts of maintenance, efforts to relet, and/or the appointment of a receiver to protect the Lessor's interests, shall not constitute a termination of the Lessee's right to possession.

(c) Pursue any other remedy now or hereafter available under the laws or judicial decisions of the state wherein the Premises are located. The expiration or termination of this Lease and/or the termination of Lessee's right to possession shall not relieve Lessee from liability under any indemnity provisions of this Lease as to matters occurring or accruing during the term hereof or by reason of Lessee's occupancy of the Premises.

13.3 Inducement Recapture. Any agreement for free or abated rent or other charges, or for the giving or paying by Lessor to or for Lessee of any cash or other bonus, inducement or consideration for Lessee's entering into this Lease, all of which concessions are hereinafter referred to as "Inducement Provisions," shall be deemed conditioned upon Lessee's full and faithful performance of all of the terms, covenants and conditions of this Lease. Upon Breach of this Lease by Lessee, any such Inducement Provision shall automatically be deemed deleted from this Lease and of no further force or effect, and any rent, other charge, bonus, inducement or consideration theretofore abated, given or paid by Lessor under such an inducement Provision shall be immediately due and payable by Lessee to Lessor, notwithstanding any subsequent cure of said Breach by Lessee. The acceptance by Lessor of rent or the cure of the Breach which initiated the operation of this paragraph shall not be deemed a waiver by Lessor of the provisions of this paragraph unless specifically so stated in writing by Lessor at the time of such acceptance.

13.4 Late Charges. Lessee hereby acknowledges that late payment by Lessee of Rent will cause Lessor to incur costs not contemplated by this Lease, the exact amount of which will be extremely difficult to ascertain. Such costs include, but are not limited to, processing and accounting charges, and late charges which may be imposed upon Lessor by any Lender. Accordingly, if any Rent shall not be received by Lessor within 5 days after such amount shall be due, then, without any requirement for notice to Lessee, Lessee shall immediately pay to Lessor a one-time late charge equal to 10% of each such overdue amount or \$100, whichever is greater. The Parties hereby agree that such late charge represents a fair and reasonable estimate of the costs Lessor will incur by reason of such late payment. Acceptance of such late charge by Lessor shall in no event constitute a waiver of Lessee's Default or Breach with respect to such overdue amount, nor prevent the exercise of any of the other rights and remedies granted hereunder. In the event that a late charge is payable hereunder, whether or not collected, for 3 consecutive installments of Base Rent, then notwithstanding any provision of this Lease to the contrary, Base Rent shall, at Lessor's option, become due and payable quarterly in advance.

13.5 Interest. Any monetary payment due Lessor hereunder, other than late charges, not received by Lessor, when due shall bear interest from the 31st day after it was due. The interest ("Interest") charged shall be computed at the rate of 10% per annum but shall not exceed the


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maximum rate allowed by law. Interest is payable in addition to the potential late charge provided for in Paragraph 13.4.

13.6 Breach by Lessor.

(a) **Notice of Breach.** Lessor shall not be deemed in breach of this Lease unless Lessor fails within a reasonable time to perform an obligation required to be performed by Lessor. For purposes of this Paragraph, a reasonable time shall in no event be less than 30 days after receipt by Lessor, and any Lender whose name and address shall have been furnished Lessee in writing for such purpose, of written notice specifying wherein such obligation of Lessor has not been performed; provided, however, that if the nature of Lessor's obligation is such that more than 30 days are reasonably required for its performance, then Lessor shall not be in breach if performance is commenced within such 30 day period and thereafter diligently pursued to completion.

(b) **Performance by Lessee on Behalf of Lessor.** In the event that neither Lessor nor Lender cures said breach within 30 days after receipt of said notice, or if having commenced said cure they do not diligently pursue it to completion, then Lessee may elect to cure said breach at Lessee's expense and offset from Rent the actual and reasonable cost to perform such cure, provided however, that such offset shall not exceed an amount equal to the greater of one month's Base Rent or the Security Deposit, reserving Lessee's right to seek reimbursement from Lessor for any such expense in excess of such offset. Lessee shall document the cost of said cure and supply said documentation to Lessor.

14. Condemnation. If the Premises or any portion thereof are taken under the power of eminent domain or sold under the threat of the exercise of said power (collectively "Condemnation"), this Lease shall terminate as to the part taken as of the date the condemning authority takes title or possession, whichever first occurs. If more than 25% of the Premises, is taken by Condemnation, Lessee may, at Lessee's option, to be exercised in writing within 10 days after Lessor shall have given Lessee written notice of such taking (or in the absence of such notice, within 10 days after the condemning authority shall have taken possession) terminate this Lease as of the date the condemning authority takes such possession. If Lessee does not terminate this Lease in accordance with the foregoing, this Lease shall remain in full force and effect as to the portion of the Premises remaining, except that the Base Rent shall be reduced in proportion to the reduction in utility of the Premises caused by such Condemnation. Condemnation awards and/or payments shall be the property of Lessor, whether such award shall be made as compensation for diminution in value of the leasehold, the value of the part taken, or for severance damages; provided, however, that Lessee shall be entitled to any compensation paid by the condemnor for Lessee's relocation expenses, loss of business goodwill and/or Trade Fixtures, without regard to whether or not this Lease is terminated pursuant to the provisions of this Paragraph. All Alterations and Utility Installations made to the Premises by Lessee, for purposes of Condemnation only, shall be considered the property of the Lessee and Lessee shall be entitled to any and all compensation which is payable therefor. In the event that this Lease is not terminated by reason of the Condemnation, Lessor shall repair any damage to the Premises caused by such Condemnation.

15. Brokerage Fees.

~~15.1 Additional Commission. In addition to the payments owed pursuant to Paragraph 1.9 above, and unless Lessor and the Brokers otherwise agree in writing, Lessor agrees that: (a) if Lessee exercises any Option, (b) if Lessee or anyone affiliated with Lessee acquires any rights to the Premises or other premises owned by Lessor and located within the same Project, if any, within which the Premises is located, (c) if Lessee remains in possession of the Premises, with the consent of Lessor, after the expiration of this Lease, or (d) if Base Rent is increased, whether by agreement or operation of an escalation clause herein, then, Lessor shall pay Brokers a fee in accordance with the fee schedule of the Brokers in effect at the time the Lease was executed.~~

15.2 Assumption of Obligations. Any buyer or transferee of Lessor's interest in this Lease shall be deemed to have assumed Lessor's obligation hereunder. Brokers shall be third party beneficiaries of the provisions of Paragraphs 1.9, 15, 22 and 31. If Lessor fails to pay to Brokers any amounts due as and for brokerage fees pertaining to this Lease when due, then such amounts shall accrue interest. In addition, if Lessor fails to pay any amounts to Lessee's Broker when due, Lessee's Broker may send written notice to Lessor and Lessee of such failure and if Lessor fails to pay such amounts within 10 days after said notice, Lessee shall pay said monies to its Broker and offset such amounts against Rent. In addition, Lessee's Broker shall be deemed to be a third party beneficiary of any commission agreement entered into by and/or between Lessor and Lessor's Broker for the limited purpose of collecting any brokerage fee owed.

15.3 Representations and Indemnities of Broker Relationships. Lessee and Lessor each represent and warrant to the other that it has had no dealings with any person, firm, broker or finder (other than the Brokers, if any) in connection with this Lease, and that no one other than said named Brokers is entitled to any commission or finder's fee in connection herewith. Lessee and Lessor do each hereby agree to indemnify, protect, defend and hold the other harmless from and against liability for compensation or charges which may be claimed by any such unnamed broker, finder or other similar party by reason of any dealings or actions of the indemnifying Party, including any costs, expenses, attorneys' fees reasonably incurred with respect thereto.

16. Estoppel Certificates.

(a) Each Party (as "Responding Party") shall within 10 days after written notice from the other Party (the "Requesting Party") execute, acknowledge and deliver to the Requesting Party a statement in writing in form similar to the then most current "Estoppel Certificate" form published by the AIR Commercial Real Estate Association, plus such additional information, confirmation and/or statements as may be reasonably requested by the Requesting Party.

(b) If the Responding Party shall fail to execute or deliver the Estoppel Certificate within such 10 day period, the Requesting Party may execute an Estoppel Certificate stating that: (i) the Lease is in full force and effect without modification except as may be represented by the Requesting Party, (ii) there are no uncured defaults in the Requesting Party's performance, and (iii) if Lessor is the Requesting Party, not more than one month's rent has been paid in advance. Prospective purchasers and encumbrancers may rely upon the Requesting Party's Estoppel Certificate, and the Responding Party shall be estopped from denying the truth of the facts contained in said Certificate. In addition, Lessee acknowledges that any failure on its part to provide such an Estoppel Certificate will expose Lessor to risks and potentially cause Lessor to incur costs not contemplated by this Lease, the extent of which will be extremely difficult to ascertain. Accordingly, should the Lessee fail to execute and/or deliver a requested Estoppel Certificate in a timely fashion the monthly Base Rent shall be automatically increased, without any requirement for notice to Lessee, by an amount equal to 10% of the then existing Base Rent or \$100, whichever is greater for remainder of the Lease. The Parties agree that such increase in Base Rent represents fair and reasonable compensation for the additional risk/costs that Lessor will incur by reason of Lessee's failure to provide the Estoppel Certificate. Such increase in Base Rent shall in no event constitute a waiver of Lessee's Default or Breach with respect to the failure to provide the Estoppel Certificate nor prevent the exercise of any of the other rights and remedies granted hereunder.

(c) If Lessor desires to finance, refinance, or sell the Premises, or any part thereof, Lessee and all Guarantors shall within 10 days after written notice from Lessor deliver to any potential lender or purchaser designated by Lessor such financial statements as may be reasonably required by such lender or purchaser, including but not limited to Lessee's financial statements for the past 3 years. All such financial statements shall be received by Lessor and such lender or purchaser in confidence and shall be used only for the purposes herein set forth.

17. Definition of Lessor. The term "Lessor" as used herein shall mean the owner or owners at the time in question of the fee title to the Premises, or, if this is a sublease, of the Lessee's interest in the prior lease. In the event of a transfer of Lessor's title or interest in the Premises or this Lease, Lessor shall deliver to the transferee or assignee (in cash or by credit) any unused Security Deposit held by Lessor. Upon such transfer or assignment and delivery of the Security Deposit, as aforesaid, the prior Lessor shall be relieved of all liability with respect to the obligations and/or covenants under this Lease thereafter to be performed by the Lessor. Subject to the foregoing, the obligations and/or covenants in this Lease to be performed by the Lessor shall be binding only upon the Lessor as hereinabove defined.

18. Severability. The invalidity of any provision of this Lease, as determined by a court of competent jurisdiction, shall in no way affect the validity of any other provision hereof.

19. Days. Unless otherwise specifically indicated to the contrary, the word "days" as used in this Lease shall mean and refer to calendar days.

20. Limitation on Liability. The obligations of Lessor under this Lease shall not constitute personal obligations of Lessor or its partners, members, directors, officers or shareholders, and Lessee shall look to the Premises, and to no other assets of Lessor, for the satisfaction of any liability of Lessor with respect to this Lease, and shall not seek recourse against Lessor's partners, members, directors, officers or shareholders, or any of their personal assets for such satisfaction.

21. Time of Essence. Time is of the essence with respect to the performance of all obligations to be performed or observed by the Parties under this Lease.

22. No Prior or Other Agreements; Broker Disclaimer. This Lease contains all agreements between the Parties with respect to any matter mentioned herein, and no other prior or contemporaneous agreement or understanding shall be effective. Lessor and Lessee each represents and warrants to the Brokers that it has made, and is relying solely upon, its own investigation as to the nature, quality, character and financial responsibility


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of the other Party to this Lease and as to the use, nature, quality and character of the Premises. Brokers have no responsibility with respect thereto or with respect to any default or breach hereof by either Party.

23. **Notices.**

23.1 **Notice Requirements.** All notices required or permitted by this Lease or applicable law shall be in writing and may be delivered in person (by hand or by courier) or may be sent by regular, certified or registered mail or U.S. Postal Service Express Mail, with postage prepaid, or by facsimile transmission, and shall be deemed sufficiently given if served in a manner specified in this Paragraph 23. The addresses noted adjacent to a Party's signature on this Lease shall be that Party's address for delivery or mailing of notices. Either Party may by written notice to the other specify a different address for notice, except that upon Lessee's taking possession of the Premises, the Premises shall constitute Lessee's address for notice. A copy of all notices to Lessor shall be concurrently transmitted to such party or parties at such addresses as Lessor may from time to time hereafter designate in writing.

23.2 **Date of Notice.** Any notice sent by registered or certified mail, return receipt requested, shall be deemed given on the date of delivery shown on the receipt card, or if no delivery date is shown, the postmark thereon. If sent by regular mail the notice shall be deemed given 72 hours after the same is addressed as required herein and mailed with postage prepaid. Notices delivered by United States Express Mail or overnight courier that guarantees next day delivery shall be deemed given 24 hours after delivery of the same to the Postal Service or courier. Notices transmitted by facsimile transmission or similar means shall be deemed delivered upon telephone confirmation of receipt (confirmation report from fax machine is sufficient), provided a copy is also delivered via delivery or mail. If notice is received on a Saturday, Sunday or legal holiday, it shall be deemed received on the next business day.

24. **Waivers.**

(a) No waiver by Lessor of the Default or Breach of any term, covenant or condition hereof by Lessee, shall be deemed a waiver of any other term, covenant or condition hereof, or of any subsequent Default or Breach by Lessee of the same or of any other term, covenant or condition hereof. Lessor's consent to, or approval of, any act shall not be deemed to render unnecessary the obtaining of Lessor's consent to, or approval of, any subsequent or similar act by Lessee, or be construed as the basis of an estoppel to enforce the provision or provisions of this Lease requiring such consent.

(b) The acceptance of Rent by Lessor shall not be a waiver of any Default or Breach by Lessee. Any payment by Lessee may be accepted by Lessor on account of moneys or damages due Lessor, notwithstanding any qualifying statements or conditions made by Lessee in connection therewith, which such statements and/or conditions shall be of no force or effect whatsoever unless specifically agreed to in writing by Lessor at or before the time of deposit of such payment.

(c) **THE PARTIES AGREE THAT THE TERMS OF THIS LEASE SHALL GOVERN WITH REGARD TO ALL MATTERS RELATED THERETO AND HEREBY WAIVE THE PROVISIONS OF ANY PRESENT OR FUTURE STATUTE TO THE EXTENT THAT SUCH STATUTE IS INCONSISTENT WITH THIS LEASE.**

25. **Disclosures Regarding The Nature of a Real Estate Agency Relationship.**

(a) When entering into a discussion with a real estate agent regarding a real estate transaction, a Lessor or Lessee should from the outset understand what type of agency relationship or representation it has with the agent or agents in the transaction. Lessor and Lessee acknowledge being advised by the Brokers in this transaction, as follows:

(i) **Lessor's Agent.** A Lessor's agent under a listing agreement with the Lessor acts as the agent for the Lessor only. A Lessor's agent or subagent has the following affirmative obligations: To the Lessor: A fiduciary duty of utmost care, integrity, honesty, and loyalty in dealings with the Lessor. To the Lessee and the Lessor: a. Diligent exercise of reasonable skills and care in performance of the agent's duties. b. A duty of honest and fair dealing and good faith. c. A duty to disclose all facts known to the agent materially affecting the value or desirability of the property that are not known to, or within the diligent attention and observation of, the Parties. An agent is not obligated to reveal to either Party any confidential information obtained from the other Party which does not involve the affirmative duties set forth above.

(ii) **Lessee's Agent.** An agent can agree to act as agent for the Lessee only. In these situations, the agent is not the Lessor's agent, even if by agreement the agent may receive compensation for services rendered, either in full or in part from the Lessor. An agent acting only for a Lessee has the following affirmative obligations. To the Lessee: A fiduciary duty of utmost care, integrity, honesty, and loyalty in dealings with the Lessee. To the Lessee and the Lessor: a. Diligent exercise of reasonable skills and care in performance of the agent's duties. b. A duty of honest and fair dealing and good faith. c. A duty to disclose all facts known to the agent materially affecting the value or desirability of the property that are not known to, or within the diligent attention and observation of, the Parties. An agent is not obligated to reveal to either Party any confidential information obtained from the other Party which does not involve the affirmative duties set forth above.

(iii) **Agent Representing Both Lessor and Lessee.** A real estate agent, either acting directly or through one or more associate licenses, can legally be the agent of both the Lessor and the Lessee in a transaction, but only with the knowledge and consent of both the Lessor and the Lessee. In a dual agency situation, the agent has the following affirmative obligations to both the Lessor and the Lessee: a. A fiduciary duty of utmost care, integrity, honesty and loyalty in the dealings with either Lessor or the Lessee. b. Other duties to the Lessor and the Lessee as stated above in subparagraphs (i) or (ii). In representing both Lessor and Lessee, the agent may not without the express permission of the respective Party, disclose to the other Party that the Lessor will accept rent in an amount less than that indicated in the listing or that the Lessee is willing to pay a higher rent than that offered. The above duties of the agent in a real estate transaction do not relieve a Lessor or Lessee from the responsibility to protect their own interests. Lessor and Lessee should carefully read all agreements to assure that they adequately express their understanding of the transaction. A real estate agent is a person qualified to advise about real estate. If legal or tax advice is desired, consult a competent professional.

(b) Brokers have no responsibility with respect to any default or breach hereof by either Party. The Parties agree that no lawsuit or other legal proceeding involving any breach of duty, error or omission relating to this Lease may be brought against Broker more than one year after the Start Date and that the liability (including court costs and attorneys' fees), of any Broker with respect to any such lawsuit and/or legal proceeding shall not exceed the fee received by such Broker pursuant to this Lease; provided, however, that the foregoing limitation on each Broker's liability shall not be applicable to any gross negligence or willful misconduct of such Broker.

(c) Lessor and Lessee agree to identify to Brokers as "Confidential" any communication or information given Brokers that is considered by such Party to be confidential.

26. **No Right To Holdover.** Lessee has no right to retain possession of the Premises or any part thereof beyond the expiration or termination of this Lease. In the event that Lessee holds over, then the Base Rent shall be increased to 150% of the Base Rent applicable immediately preceding the expiration or termination. Nothing contained herein shall be construed as consent by Lessor to any holding over by Lessee.

27. **Cumulative Remedies.** No remedy or election hereunder shall be deemed exclusive but shall, wherever possible, be cumulative with all other remedies at law or in equity.

28. **Covenants and Conditions; Construction of Agreement.** All provisions of this Lease to be observed or performed by Lessee are both covenants and conditions. In construing this Lease, all headings and titles are for the convenience of the Parties only and shall not be considered a part of this Lease. Whenever required by the context, the singular shall include the plural and vice versa. This Lease shall not be construed as if prepared by one of the Parties, but rather according to its fair meaning as a whole, as if both Parties had prepared it.

29. **Binding Effect; Choice of Law.** This Lease shall be binding upon the Parties, their personal representatives, successors and assigns and be governed by the laws of the State in which the Premises are located. Any litigation between the Parties hereto concerning this Lease shall be initiated in the county in which the Premises are located.

30. **Subordination; Attornment; Non-Disturbance.**

30.1 **Subordination.** This Lease and any Option granted hereby shall be subject and subordinate to any ground lease, mortgage, deed of trust, or other hypothecation or security device (collectively, "Security Device"), now or hereafter placed upon the Premises, to any and all advances made on the security thereof, and to all renewals, modifications, and extensions thereof. Lessee agrees that the holders of any such Security Devices (in this Lease together referred to as "Lender") shall have no liability or obligation to perform any of the obligations of Lessor under this Lease. Any Lender may elect to have this Lease and/or any Option granted hereby superior to the lien of its Security Device by giving written notice thereof to Lessee, whereupon this Lease and such Options shall be deemed prior to such Security Device, notwithstanding the relative dates of the documentation or recordation thereof.

30.2 **Attornment.** In the event that Lessor transfers title to the Premises, or the Premises are acquired by another upon the foreclosure


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or termination of a Security Devises to which this Lease is subordinated (i) Lessee shall, subject to the non-disturbance provisions of Paragraph 30.3, attorn to such new owner, and upon request, enter into a new lease, containing all of the terms and provisions of this Lease, with such new owner for the remainder of the term hereof, or, at the election of the new owner, this Lease will automatically become a new lease between Lessee and such new owner, and (ii) Lessor shall thereafter be relieved of any further obligations hereunder and such new owner shall assume all of Lessor's obligations, except that such new owner shall not: (a) be liable for any act or omission of any prior lessor or with respect to events occurring prior to acquisition of ownership; (b) be subject to any offsets or defenses which Lessee might have against any prior lessor, (c) be bound by prepayment of more than one month's rent, or (d) be liable for the return of any security deposit paid to any prior lessor which was not paid or credited to such new owner.

30.3 Non-Disturbance. With respect to Security Devices entered into by Lessor after the execution of this Lease, Lessee's subordination of this Lease shall be subject to receiving a commercially reasonable non-disturbance agreement (a "Non-Disturbance Agreement") from the Lender which Non-Disturbance Agreement provides that Lessee's possession of the Premises, and this Lease, including any options to extend the term hereof, will not be disturbed so long as Lessee is not in Breach hereof and attorns to the record owner of the Premises.

30.4 Self-Executing. The agreements contained in this Paragraph 30 shall be effective without the execution of any further documents; provided, however, that, upon written request from Lessor or a Lender in connection with a sale, financing or refinancing of the Premises, Lessee and Lessor shall execute such further writings as may be reasonably required to separately document any subordination, attornment and/or Non-Disturbance Agreement provided for herein.

31. Attorneys' Fees. If any Party or Broker brings an action or proceeding involving the Premises whether founded in tort, contract or equity, or to declare rights hereunder, the Prevailing Party (as hereafter defined) in any such proceeding, action, or appeal thereon, shall be entitled to reasonable attorneys' fees. Such fees may be awarded in the same suit or recovered in a separate suit, whether or not such action or proceeding is pursued to decision or judgment. The term, "Prevailing Party" shall include, without limitation, a Party or Broker who substantially obtains or defeats the relief sought, as the case may be, whether by compromise, settlement, judgment, or the abandonment by the other Party or Broker of its claim or defense. The attorneys' fees award shall not be computed in accordance with any court fee schedule, but shall be such as to fully reimburse all attorneys' fees reasonably incurred. In addition, Lessor shall be entitled to attorneys' fees, costs and expenses incurred in the preparation and service of notices of Default and consultations in connection therewith, whether or not a legal action is subsequently commenced in connection with such Default or resulting Breach (\$200 is a reasonable minimum per occurrence for such services and consultation).

32. Lessor's Access; Showing Premises; Repairs. Lessor and Lessor's agents shall have the right to enter the Premises at any time, in the case of an emergency, and otherwise at reasonable times after reasonable prior notice for the purpose of showing the same to prospective purchasers, lenders, or tenants, and making such alterations, repairs, improvements or additions to the Premises as Lessor may deem necessary or desirable and the erecting, using and maintaining of utilities, services, pipes and conduits through the Premises and/or other premises as long as there is no material adverse effect to Lessee's use of the Premises. All such activities shall be without abatement of rent or liability to Lessee.

33. Auctions. Lessee shall not conduct, nor permit to be conducted, any auction upon the Premises without Lessor's prior written consent. Lessor shall not be obligated to exercise any standard of reasonableness in determining whether to permit an auction.

34. Signs. Lessor may place on the Premises ordinary "For Sale" signs at any time and ordinary "For Lease" signs during the last 6 months of the term hereof. Except for ordinary "for sublease" signs, Lessee shall not place any sign upon the Premises without Lessor's prior written consent. All signs must comply with all Applicable Requirements.

35. Termination; Merger. Unless specifically stated otherwise in writing by Lessor, the voluntary or other surrender of this Lease by Lessee, the mutual termination or cancellation hereof, or a termination hereof by Lessor for Breach by Lessee, shall automatically terminate any sublease or lesser estate in the Premises; provided, however, that Lessor may elect to continue any one or all existing subtenancies. Lessor's failure within 10 days following any such event to elect to the contrary by written notice to the holder of any such lesser interest, shall constitute Lessor's election to have such event constitute the termination of such interest.

36. Consents. Except as otherwise provided herein, wherever in this Lease the consent of a Party is required to an act by or for the other Party, such consent shall not be unreasonably withheld or delayed. Lessor's actual reasonable costs and expenses (including but not limited to architects', attorneys', engineers' and other consultants' fees) incurred in the consideration of, or response to, a request by Lessee for any Lessor consent, including but not limited to consents to an assignment, a subletting or the presence or use of a Hazardous Substance, shall be paid by Lessee upon receipt of an invoice and supporting documentation therefor. Lessor's consent to any act, assignment or subletting shall not constitute an acknowledgment that no Default or Breach by Lessee of this Lease exists, nor shall such consent be deemed a waiver of any then existing Default or Breach, except as may be otherwise specifically stated in writing by Lessor at the time of such consent. The failure to specify herein any particular condition to Lessor's consent shall not preclude the imposition by Lessor at the time of consent of such further or other conditions as are then reasonable with reference to the particular matter for which consent is being given. In the event that either Party disagrees with any determination made by the other hereunder and reasonably requests the reasons for such determination, the determining party shall furnish its reasons in writing and in reasonable detail within 10 business days following such request.

37. Guarantor.

37.1 Execution. The Guarantors, if any, shall each execute a guaranty in the form most recently published by the AIR Commercial Real Estate Association.

37.2 Default. It shall constitute a Default of the Lessee if any Guarantor fails or refuses, upon request to provide: (a) evidence of the execution of the guaranty, including the authority of the party signing on Guarantor's behalf to obligate Guarantor, and in the case of a corporate Guarantor, a certified copy of a resolution of its board of directors authorizing the making of such guaranty, (b) current financial statements, (c) an Estoppel Certificate, or (d) written confirmation that the guaranty is still in effect.

38. Quiet Possession. Subject to payment by Lessee of the Rent and performance of all of the covenants, conditions and provisions on Lessee's part to be observed and performed under this Lease, Lessee shall have quiet possession and quiet enjoyment of the Premises during the term hereof.

39. Options. If Lessee is granted any Option, as defined below, then the following provisions shall apply:

39.1 Definition. "Option" shall mean: (a) the right to extend or reduce the term of or renew this Lease or to extend or reduce the term of or renew any lease that Lessee has on other property of Lessor; (b) the right of first refusal or first offer to lease either the Premises or other property of Lessor; (c) the right to purchase, the right of first offer to purchase or the right of first refusal to purchase the Premises or other property of Lessor.

39.2 Options Personal To Original Lessee. Any Option granted to Lessee in this Lease is personal to the original Lessee, and cannot be assigned or exercised by anyone other than said original Lessee and only while the original Lessee is in full possession of the Premises and, if requested by Lessor, with Lessee certifying that Lessee has no intention of thereafter assigning or subletting.

39.3 Multiple Options. In the event that Lessee has any multiple Options to extend or renew this Lease, a later Option cannot be exercised unless the prior Options have been validly exercised.

39.4 Effect of Default on Options.

(a) Lessee shall have no right to exercise an Option: (i) during the period commencing with the giving of any notice of Default and continuing until said Default is cured, (ii) during the period of time any Rent is unpaid (without regard to whether notice thereof is given Lessee), (iii) during the time Lessee is in Breach of this Lease, or (iv) in the event that Lessee has been given 3 or more notices of separate Default, whether or not the Defaults are cured, during the 12 month period immediately preceding the exercise of the Option.

(b) The period of time within which an Option may be exercised shall not be extended or enlarged by reason of Lessee's inability to exercise an Option because of the provisions of Paragraph 39.4(a).

(c) An Option shall terminate and be of no further force or effect, notwithstanding Lessee's due and timely exercise of the Option, if, after such exercise and prior to the commencement of the extended term or completion of the purchase, (i) Lessee fails to pay Rent for a period of 30 days after such Rent becomes due (without any necessity of Lessor to give notice thereof), or (ii) if Lessee commits a Breach of this Lease.

40. Multiple Properties. If the Premises are a part of a group of properties controlled by Lessor, Lessee agrees that it will abide by and conform to all reasonable rules and regulations which Lessor may make from time to time for the management, safety, and care of said properties, including the care and cleanliness of the grounds and including the parking, loading and unloading of vehicles, and to cause its employees, suppliers, shippers, customers, contractors and invitees to so abide and conform. Lessee also agrees to pay its fair share of common expenses incurred in connection with such rules and regulations.


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41. **Security Measures.** Lessee hereby acknowledges that the Rent payable to Lessor hereunder does not include the cost of guard service or other security measures, and that Lessor shall have no obligation whatsoever to provide same. Lessee assumes all responsibility for the protection of the Premises, Lessee, its agents and invitees and their property from the acts of third parties.

42. **Reservations.** Lessor reserves to itself the right, from time to time, to grant, without the consent or joinder of Lessee, such easements, rights and dedications that Lessor deems necessary, and to cause the recordation of parcel maps and restrictions, so long as such easements, rights, dedications, maps and restrictions do not unreasonably interfere with the use of the Premises by Lessee. Lessee agrees to sign any documents reasonably requested by Lessor to effectuate any such easement rights, dedication, map or restrictions.

43. **Performance Under Protest.** If at any time a dispute shall arise as to any amount or sum of money to be paid by one Party to the other under the provisions hereof, the Party against whom the obligation to pay the money is asserted shall have the right to make payment "under protest" and such payment shall not be regarded as a voluntary payment and there shall survive the right on the part of said Party to institute suit for recovery of such sum. If it shall be adjudged that there was no legal obligation on the part of said Party to pay such sum or any part thereof, said Party shall be entitled to recover such sum or so much thereof as it was not legally required to pay. A Party who does not initiate suit for the recovery of sums paid "under protest" within 6 months shall be deemed to have waived its right to protest such payment.

44. **Authority; Multiple Parties; Execution.**

(a) If either Party hereto is a corporation, trust, limited liability company, partnership, or similar entity, each individual executing this Lease on behalf of such entity represents and warrants that he or she is duly authorized to execute and deliver this Lease on its behalf. Each Party shall, within 30 days after request, deliver to the other Party satisfactory evidence of such authority.

(b) If this Lease is executed by more than one person or entity as "Lessee", each such person or entity shall be jointly and severally liable hereunder. It is agreed that any one of the named Lessees shall be empowered to execute any amendment to this Lease, or other document ancillary thereto and bind all of the named Lessees, and Lessor may rely on the same as if all of the named Lessees had executed such document.

(c) This Lease may be executed by the Parties in counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument.

45. **Conflict.** Any conflict between the printed provisions of this Lease and typewritten or handwritten provisions shall be controlled by the typewritten or handwritten provisions.

46. **Offer.** Preparation of this Lease by either Party or their agent and submission of same to the other Party shall not be deemed an offer to lease to the other Party. This Lease is not intended to be binding until executed and delivered by all Parties hereto.

47. **Amendments.** This Lease may be modified only in writing, signed by the Parties in interest at the time of the modification. As long as they do not materially change Lessee's obligations hereunder, Lessee agrees to make such reasonable non-monetary modifications to this Lease as may be reasonably required by a Lender in connection with the obtaining of normal financing or refinancing of the Premises.

48. **Waiver of Jury Trial.** THE PARTIES HEREBY WAIVE THEIR RESPECTIVE RIGHTS TO TRIAL BY JURY IN ANY ACTION OR PROCEEDING INVOLVING THE PROPERTY OR ARISING OUT OF THIS AGREEMENT.

49. **Arbitration of Disputes.** An Addendum requiring the Arbitration of disputes between the Parties and/or Brokers arising out of this Lease ☒ is ~~is not~~ attached to this Lease.

50. **Accessibility; Americans with Disabilities Act.**

(a) The Premises: ☒ have not undergone an inspection by a Certified Access Specialist (CASp). ☐ have undergone an inspection by a Certified Access Specialist (CASp) and it was determined that the Premises met all applicable construction-related accessibility standards pursuant to California Civil Code §55.51 et seq. ☐ have undergone an inspection by a Certified Access Specialist (CASp) and it was determined that the Premises did not meet all applicable construction-related accessibility standards pursuant to California Civil Code §55.51 et seq.

(b) Since compliance with the Americans with Disabilities Act (ADA) is dependent upon Lessee's specific use of the Premises, Lessor makes no warranty or representation as to whether or not the Premises comply with ADA or any similar legislation. In the event that Lessee's use of the Premises requires modifications or additions to the Premises in order to be in ADA compliance, Lessee agrees to make any such necessary modifications and/or additions at Lessee's expense.

LESSOR AND LESSEE HAVE CAREFULLY READ AND REVIEWED THIS LEASE AND EACH TERM AND PROVISION CONTAINED HEREIN, AND BY THE EXECUTION OF THIS LEASE SHOW THEIR INFORMED AND VOLUNTARY CONSENT THERETO. THE PARTIES HEREBY AGREE THAT, AT THE TIME THIS LEASE IS EXECUTED, THE TERMS OF THIS LEASE ARE COMMERCIALY REASONABLE AND EFFECTUATE THE INTENT AND PURPOSE OF LESSOR AND LESSEE WITH RESPECT TO THE PREMISES.

ATTENTION: NO REPRESENTATION OR RECOMMENDATION IS MADE BY THE AIR COMMERCIAL REAL ESTATE ASSOCIATION OR BY ANY BROKER AS TO THE LEGAL SUFFICIENCY, LEGAL EFFECT, OR TAX CONSEQUENCES OF THIS LEASE OR THE TRANSACTION TO WHICH IT RELATES. THE PARTIES ARE URGED TO:

1. SEEK ADVICE OF COUNSEL AS TO THE LEGAL AND TAX CONSEQUENCES OF THIS LEASE.
2. RETAIN APPROPRIATE CONSULTANTS TO REVIEW AND INVESTIGATE THE CONDITION OF THE PREMISES. SAID INVESTIGATION SHOULD INCLUDE BUT NOT BE LIMITED TO: THE POSSIBLE PRESENCE OF HAZARDOUS SUBSTANCES, THE ZONING OF THE PREMISES, THE CONDITION AND THE SUITABILITY OF THE PREMISES FOR LESSEE'S INTENDED USE.

WARNING: IF THE PREMISES IS LOCATED IN A STATE OTHER THAN CALIFORNIA, CERTAIN PROVISIONS OF THE LEASE MAY NEED TO BE REVISED TO COMPLY WITH THE LAWS OF THE STATE IN WHICH THE PREMISES IS LOCATED.


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The parties hereto have executed this Lease at the place and on the dates specified above their respective signatures.

Executed at: <u>Las Vegas, Nevada</u>	Executed at: <u>Beverly Hills, California</u>
On: <u>6-6-17</u>	On: _____
By LESSOR:	By LESSEE: <u>6-25-17</u>
<u>De Vore and De Vore</u>	<u>Byung Chun Choung, as an individual</u>
By: <u>Edward De Vore</u>	By: <u>[Signature]</u>
Name Printed: <u>Edward De Vore</u>	Name Printed: <u>Byung Chun Choung</u>
Title: <u>Owner</u>	Title: _____
By: _____	By: _____
Name Printed: _____	Name Printed: _____
Title: _____	Title: _____
Address: <u>190 North Canon Drive, Suite 304</u>	Address: <u>2205 West Venice Boulevard, Suite 42</u>
<u>Beverly Hills, California 90210</u>	<u>Los Angeles, California 90006</u>
Telephone: <u>(310) 273-1975</u>	Telephone: <u>(323) 766-5332</u>
Facsimile: <u>(310) 273-1979</u>	Facsimile: <u>(323) 846-1375</u>
Email: <u>info@canonproperties.com</u>	Email: _____
Email: _____	Email: _____
Federal ID No. _____	Federal ID No. _____

BROKER: <u>CANON BUSINESS PROPERTIES, INC.</u>	BROKER: <u>Lessee's appointed legal counsel</u>
Att: <u>Alexander Radosevic</u>	Att: _____
Title: <u>President</u>	Title: _____
Address: <u>190 North Canon Drive, Suite 304</u>	Address: _____
<u>Beverly Hills, California 90210</u>	
Telephone: <u>(310) 273-1975</u>	Telephone: ()
Facsimile: <u>(310) 273-1979</u>	Facsimile: ()
Email: <u>alex@canonproperties.com</u>	Email: _____
Federal ID No. _____	Federal ID No. _____
Broker/Agent DRE License #: <u>01323996</u>	Broker/Agent DRE License #: _____

NOTICE: These forms are often modified to meet changing requirements of law and industry needs. Always write or call to make sure you are utilizing the most current form: AIR Commercial Real Estate Association, 500 N Brand Blvd, Suite 900, Glendale, CA 91203. Telephone No. (213) 687-8777. Fax No.: (213) 687-8616.

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STANDARD INDUSTRIAL/COMMERCIAL LAND LEASE - GROSS

This ADDENDUM (the "Addendum", Exhibit "A") TO THE STANDARD INDUSTRIAL/COMMERCIAL LAND LEASE – GROSS (the "Lease") is made and entered into by and between DE VORE AND DE VORE, (the "Lessor"), and BYUNG CHUN CHOUNG (the "Lessee"), as of the date set forth in Paragraph 1.1 of the Lease, for the property commonly known as 210 West Slauson Avenue, Parcel "B", Los Angeles, California 90003 (the "Property"), between Lessor and Lessee to which this Addendum is attached and incorporated. The Terms, Covenants and Conditions set forth herein are intended to and shall have the same meanings and force and effect as if set forth in the Lease. To the extent that the provisions of this Addendum are inconsistent with any provision of the Lease, this Addendum shall supersede and control.

51. Security Deposit Lessor and Lessee acknowledge and agree that Lessor is currently in possession of Lessee's existing security deposit monies totaling Three Thousand Five Hundred and 00/100 Dollars (\$3,500.00) from its lease agreements dated July 9, 2014. Said monies shall be applied to this Lease in full as the Security Deposit. Lessee shall provide an additional Two Hundred and 00/100 Dollars (\$200.00), due at Lease signing, in order to fulfill Lessee's entire Security Deposit obligation of Three Thousand Seven Hundred and 00/100 Dollars (\$3,700.00).

Provided that Lessee fulfills its monetary obligations as set forth herein above, the total security deposit monies to be held by Lessor throughout the Lease Term (including any Option Term(s), as and if applicable) shall be Three Thousand Seven Hundred and 00/100 Dollars (\$3,700.00). Further, Lessee hereby acknowledges and agrees that Lessee's failure to fulfill its monetary obligations as set forth herein above shall constitute a "Breach" of this Lease.

Notwithstanding anything to the contrary set forth in the Lease, Lessor shall refund Lessee's security deposit monies totaling Three Thousand Five Hundred and 00/100 Dollars (\$3,700.00) upon termination of the Lease provided only if:

A. Lessee is not in Breach or "Default" of this Lease, or has not damaged the Premises.

B. Lessee surrenders possession to the Lessor by removing all personal property from the Premises leaving only dirt, asphalt, the existing security gate located on the western portion of the Premises dividing Parcel "A" and Parcel "B" and the existing security gate located on the northern portion of the Premises parallel to Slauson Avenue.

52. Condition of Premises Notwithstanding anything to the contrary set forth in the Lease, Lessee has extended its Lease and therefore continues to accept the Premises, including the Building, in its then-current "AS-IS/WHERE-IS" condition "WITH ALL FAULTS." Further, Lessee has inspected and satisfied itself that the Premises, including the Building and equipment contained therein and/or located thereon, are in a good working order and condition, and are reasonably acceptable to Lessee. Upon Lessee's execution of the Lease, Lessee hereby acknowledges and represents Lessee's satisfaction and approval of the condition of the Premises, and that neither Lessor, its agents, subagents, representatives, contractors, employees, nor CANON BUSINESS PROPERTIES, INC. hereinafter referred to as ("Property Manager"), its agents, subagents, representatives, contractors or employees have made any representations, warranties and/or guarantees of any kind or nature regarding the Premises, except as otherwise set forth in this Addendum. Further, Lessee hereby acknowledges and agrees to indemnify, defend and hold the Lessor, its agents, subagents, representatives, contractors, employees, the Premises and Property Manager, its agents, subagents, representatives, contractors and employees harmless from and against any and all costs, expenses and liabilities (including actual attorney's fees, costs and court costs), which may arise directly or indirectly, foreseeable or unforeseeable, known or unknown as a result of the Condition of the Premises throughout the Lease Term (including any Option Term, as and if applicable).

53. Late Payments Any rent received postmarked after the fifth (5th) day of each month, or any payment submitted by the Lessee to Lessor, which is dishonored for any reason whatsoever, shall be subject to; (a) A Ten percent (10%) late charge or Two Hundred and 00/100 Dollars (\$200.00), whichever is greater; (b) A Three Day Notice To Pay Rent or Quit charge (including preparation, service and posting of document) of Two Hundred and 00/100 Dollars (\$200.00); and (c) An internal accounting charge of One Hundred Twenty Five and 00/100 Dollars (\$125.00). Lessee further acknowledges and agrees that acceptance of a late charge by Lessor shall not constitute a waiver of Lessee's default with respect to the overdue amount, nor shall it prevent Lessor from exercising any of its other rights and remedies. In addition, Lessee acknowledges and agrees that the late payment of rent by Lessee to Lessor will cause Lessor to incur costs not contemplated by this Lease and that an exact amount for these additional costs cannot be determined at this time. Those additional costs may include, but are not limited to, administrative, processing, accounting charges and late charges, which


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may be imposed on Lessor by the terms of any ground lease, mortgage or trust deed covering the Premises.

54. General Compliance. Notwithstanding anything to the contrary set forth in the Lease, in order to legally operate its business from the Premises, Lessee, at Lessee's sole cost and expense agrees to remain in compliance with all Applicable Requirements including without limitation, federal, state, and local laws, regulations, codes, ordinances and administrative orders having jurisdiction over the Premises throughout the Lease Term (including any Option Term, as and if applicable). Moreover, Lessee shall notify Lessor via U.S. Certified Mail within three (3) days from Lessee's receipt of any such notice, including without limitation, the notification of a new law, regulation, code, ordinance, notice of non-compliance, citation; and/or violation throughout the Lease Term (including any Option Term, as and if applicable).

55. Fire and Safety Compliance. Notwithstanding anything to the contrary set forth in the Lease, Lessee, at Lessee's sole cost and expense agrees to purchase, install, maintain and test all fire extinguishers as needed, in order to remain in compliance with all Applicable Requirements including, but not limited to, Los Angeles County and Los Angeles City Fire Department and Safety Codes, Insurance Companies, Laws and Ordinances throughout the Lease Term (including any Option Term, as and if applicable).

56. Lessee Improvements.

A. Lessee shall cause Lessee's architect or designer to prepare a plan (the "Plan"), to be attached and incorporated into the Lease as Exhibit "X", which shall show all required and intended "Lessee Improvements". Within ten (10) business days after Lessor receives the Plan from Lessee, Lessor shall either approve or disapprove such Plan in writing delivered to Lessee, noting with reasonable particularity any changes or corrections therein. All costs to Lessor, including Lessor's architect and/or engineers, if any, in reviewing the Plan shall be paid for separately by Lessor.

B. Thereafter, Lessee shall diligently and in good-faith commence and complete the construction of the Lessee Improvements by selecting a general contractor, subcontractors and/or engineers, subject to Lessor's reasonable approval, and provided that each of the foregoing must be licensed, bonded and insured in the State of California. Lessor shall not charge any supervisory or other fee in connection with the Lessee Improvements. Lessee shall cause Lessee's architect or such general contractor, or both, to then apply for the required permits and approvals to construct the Lessee Improvements, which permits and approvals shall be paid for solely by Lessee. All Lessee improvements must comply with all "Applicable Requirements" including Americans with Disabilities Act (ADA). Further, neither Lessor nor Property Manager, its agents, subagents, representatives, contractors or employees have made any representations warranties, either expressed or implied, with respect to whatever permits, certificates or approvals will be required for the Lessee Improvements, if any, or if required, at what cost and how quickly they can be obtained.

C. All contractors or vendors involved with the completion of Lessee Improvements must provide Lessor with a copy of the following documents one (1) week prior to the commencement of any Lessee Improvement Work:

i. Proof of liability and workman's compensation insurance certificates providing single limit coverage of not less than One Million and 00/100 Dollars (\$1,000,000.00) per occurrence with an annual aggregate of not less than Two Million and 00/100 Dollars (\$2,000,000.00). Further, each certificate must name the additional insured to read exactly as follows:

1. De Vore and De Vore ("Lessor").

2. CANON BUSINESS PROPERTIES, INC. ("Property Manager").

The address shall be 190 North Canon Drive, Suite 304, Beverly Hills, California 90210.

ii. A list of industry standard devices that will be used by each vendor to protect the building from property damage while completing Lessee Improvement Work.

D. Following Lessee's receipt of all required permits and approvals (which shall be available for Lessor's review concurrent with Lessee's review), Lessee's general contractor shall diligently pursue the demolition, construction and completion of the Lessee Improvements.

E. Should any improvements and installations be required by any governmental agency, entity or law, to the Premises, Building, and/or Project, relative to the improvement work that Lessee is performing (or has performed without Lessor's written consent) to the Premises, to include, but not be limited to the improvements as set forth in (the "Plan"), to be attached


Initials

Exhibit "A"
Page 2 of 4


Initials

hereto as Exhibit "X", Lessee agrees that Lessee shall make all required improvement installations at Lessee's sole cost and expense.

57. Insurance. In the event that Lessee fails to obtain and maintain any of the insurance required under Paragraph 8 or elsewhere in the Lease for any reason whatsoever, such actions shall constitute a "Breach" of this Lease. In addition to Lessor's remedies as set forth in the Lease with regards to a "Lessee Breach of Lease", Lessee shall be conclusively deemed to have self-insured such insurance obligations, with the full waiver of subrogation as set forth in Paragraph 8.6 of the Lease and agrees to indemnify, defend and hold Lessor, its agents, subagents, representatives, contractors, employees, the Premises Property Manager, its agents, subagents, employees and representatives harmless from and against any and all costs, expenses and liabilities (including actual attorney fees, costs and court costs), which may arise directly or indirectly, foreseeable or unforeseeable, known or unknown, as a result of any claim against the property and Premises from any party.

58. Damage and Destruction; and Condemnation. Notwithstanding anything to the contrary set forth in Paragraph 9, or elsewhere, in the Lease, Lessee hereby waives the provisions of California Civil Code Sections 1932 and 1933, and any successor sections and any other statutes which are inconsistent with the provisions of the Lease and which relate to the termination of Leases when Leased property is destroyed, and agree that such event shall be governed by the terms of the Lease only. In addition, and notwithstanding anything to the contrary set forth in Paragraph 14 or elsewhere in the Lease, Lessee also hereby waives any and all rights Lessee might otherwise have pursuant to Section 1265.130 of the California Code of Civil Procedure and any successor sections or statutes.

59. Assignment and Subletting. In connection with any proposed assignment of the Lease or sublease of all or any portion of the Premises, Lessee shall deliver to Lessor, for Lessor's review and written approval, all such information concerning the proposed assignee or sublessee as Lessor may reasonably request, including, but not limited to, any financial statements or other financial information and all terms of the proposed assignment or sublease. Notwithstanding anything to the contrary set forth in Paragraph 12 or elsewhere in the Lease, Lessee hereby assigns and transfers to Lessor all of Lessee's interest in and to all rent and any other consideration arising from any assignment or sublease of the Premises hereafter made by Lessee, and Lessor may collect such rent and other consideration and apply same toward Lessee's obligations under the Lease; provided, however, until a default shall occur in the performance of Lessee's obligations under the Lease, Lessee may receive and collect such rent and other consideration accruing under any assignment or sublease. Lessee hereby irrevocably authorizes and directs any assignee or sublessee, upon receipt of written notice from Lessor (with a copy or copies of any such notice or notices also delivered by Lessor to Lessee) stating that a default exists in the performance of Lessee's obligations under the Lease, to pay to Lessor the rent due and to become due under the assignment or sublease. Lessee agrees that any assignee or sublessee shall have the right to rely upon any such written notice from Lessor, and that such assignee or sublessee shall pay such rent to Lessor without any obligation or right to inquire as to whether a default exists and, notwithstanding any notice from or claim from Lessee to the contrary, Lessee shall have no right or claim against such assignee or sublessee, or Lessor, for any rent and other consideration so paid by such assignee or sublessee to Lessor. Lessor shall be entitled to receive any additional rent or other premium realized on any such sublease, assignment or other transfer, and Lessee acknowledges this to be fair and reasonable.

60. Limitations on Lessor's Liability. Notwithstanding anything to the contrary set forth in the Lease, the obligations of Lessor, and the individuals comprising Lessor and Lessor's partners (either general or limited), directors, members, officers, shareholders, employees, agents, representatives and Property Manager, under the Lease do not constitute personal obligations. Lessee, and Lessee's successors and assignees, hereby acknowledge and agree to not seek any recourse against Lessor and the individuals comprising Lessor and Lessor's partners (either general or limited), directors, members, officers, shareholders, employees, agents, representatives and Property Manager, for the satisfaction of any actual or alleged liability of Lessor to Lessee under the Lease or with respect to the Premises, but Lessee shall look only to Lessor's interest in the Premises for the satisfaction of any liability of Lessor to Lessee hereunder.

61. Continued Possession. Lessor shall grant Lessee continued possession of the Premises only upon Lessor's receipt of the executed original Leases, Lease monies and proof of all required insurance policies pursuant to Paragraphs 8 and 57 of the Lease.

62. Early Termination. Notwithstanding anything to the contrary set forth in the Lease, Lessee hereby acknowledges and agrees that Lessor shall have the exclusive right to terminate this Lease by serving Lessee with a "Thirty (30) Day Notice to Terminate" as a result of Lessee entering into a "Breach" or "Default" during the Lease Term (including any Option Term(s), as and if applicable).

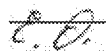
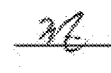

Initials

Exhibit "A"
Page 3 of 4


Initials

Should Lessee fail to vacate the Premises within the thirty (30) day period, Lessee hereby agrees to surrender its entire security deposit to Lessor; and Lessor shall pursue all other legal remedies available to Lessor in order to secure possession.

63. Broker Commission. Upon mutual execution and delivery of this Lease, Exhibits and all other attachments, and provided that Lessor has received the pre-paid Base Rent, Lease Deposit Monies and Insurance from Lessee in accordance with the Lease, Lessor hereby agrees to pay a brokerage fee or commission in accordance with the management agreement to CANON BUSINESS PROPERTIES, INC., only. Further, Lessor and Lessee hereby warrant that it has had no dealings with any other real estate broker or agent in connection with negotiations of this Lease, and agree to indemnify and hold the other party harmless from any cost, expense or liability (including reasonable attorney's fees) for any compensation, commissions or charges claimed by any other real estate broker or agent employed or claiming to represent or to have been employed by the indemnifying party in connection with the negotiation of this Lease.

64. Lease Review and Revision. This Lease, its Exhibits and all other attachments cover in full each and every agreement of every kind between the parties concerning the Premises, the Building, and the Project, and all preliminary negotiations, oral agreements, understandings and/or practices, except those contained in this Lease, are superseded and shall be of no further effect. Lessee waives its rights to rely on any representations or promises made by Lessor, its broker, Property Manager and all others, which are not contained in this Lease. No verbal agreement or implied covenant shall be held to modify the provisions of this Lease, any statute, law, or custom to the contrary notwithstanding. Further, Lessor and Lessee hereby agree to defend and to hold harmless Property Manager, its agents, subagents, representatives and contractors, from and against any and all costs, expenses and liabilities (including actual attorney fees and court costs), which may arise for any reason, with regards to all matters pertaining to the Premises, the Building, the Project and the Lease including all Exhibits and attachments.

65. Lessee Due Diligence. Lessee shall have had the full and unfettered opportunity to examine the Lease, the Premises, the Building and the Project from every material standpoint, including, without limitation, title, possession, structural, engineering, soils, hazardous materials, land use status, permitting, zoning, fitness for use generally and specifically for Lessee's intended use, and/or from the standpoint of the existence or availability of any and all permits, licenses or approvals necessary or convenient therefor. Moreover, each party further assumes all such risks, having fully satisfied itself with respect to each of such matters and having placed no reliance whatsoever on Property Manager, its agents, subagents, employees, or representatives, in connection therewith. Lessee assumes all such risks, having fully satisfied itself with respect to each of such matters. Lessee waives its rights to rely on any representations or promises made by Lessor, its broker, Property Manager and all others, which are not contained in this Lease. No verbal agreement or implied covenant shall be held to modify the provisions of this Lease, any statute, law, or custom to the contrary notwithstanding. Lessee's experts for purposes of this paragraph have included, without limitation, its professionally retained architects, contractors, engineers, inspectors and attorneys. Lessor and Lessee further agree to indemnify, defend and hold Property Manager, its agents, subagents, employees and representatives harmless from and against any and all costs, expenses and liabilities (including actual attorney fees, costs and court costs), which may arise directly or indirectly, foreseeable or unforeseeable, known or unknown, as a result of any of the terms and conditions set forth in this Lease, this or any other Addendum, Exhibit, and/or Guarantees attached hereto.

IN WITNESS WHEREOF, Lessor and Lessee executed this Addendum concurrently with the Lease of even date herewith.

"LESSOR":
DE VORE AND DE VORE

Edward De Vore
BY: EDWARD DE VORE

8-6-17
DATE

"LESSEE":
BYUNG CHUN CHOUNG
AS AN INDIVIDUAL
Byung Chun Choung
BY: BYUNG CHUN CHOUNG

8-25-17
DATE

E.D.
Initials

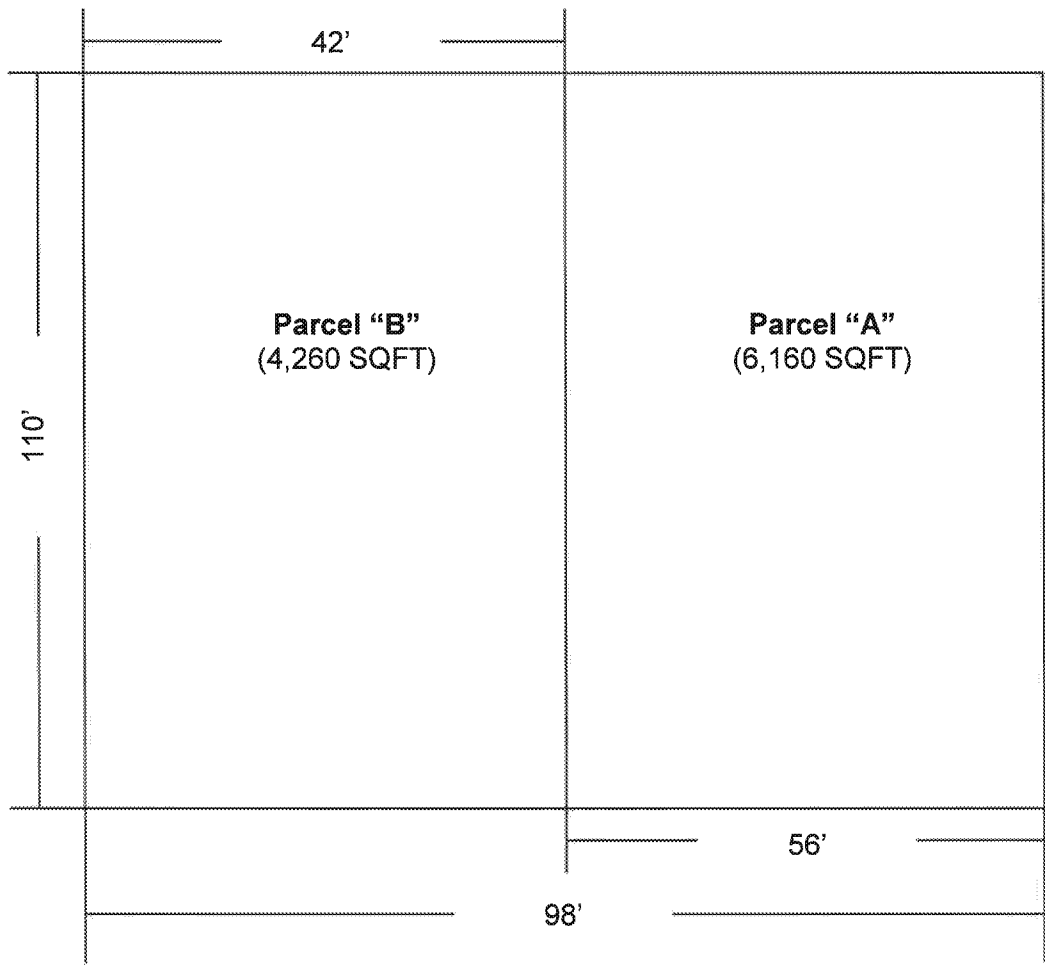
Exhibit "A"
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BC
Initials

SITE PLAN

De Vore and De Vore
210 West Slauson Avenue
Los Angeles, California 90003

Lessor and Lessee hereby acknowledge and agree that Lessee, BYUNG CHUN CHOUNG, as an individual, has independently measured and divided the Premises providing Lessor with the approximate square footage stated in Paragraph 1.2 (a) titled "Premises" and as outlined herein below. Further, Lessee hereby acknowledges and agrees to indemnify, defend and hold the Lessor, its agents, subagents, representatives, contractors, employees, the Premises and CANON BUSINESS PROPERTIES, INC., its agents, subagents, representatives, contractors and employees harmless from and against any and all costs, expenses and liabilities (including actual attorney's fees, costs and court costs), which may arise directly or indirectly, foreseeable or unforeseeable, known or unknown, from any dispute and/or discrepancy regarding the measurement of the Premises. The statements herein constitute a waiver of any rent disputes Lessee may have against Lessor. Specifically, Lessee has proposed the rent amount to Lessor based on its own independent measurement and due diligence and Lessor accepts the rent monies as proposed by Lessee and stated in the Lease.



[Signature]
Initial

Exhibit "B"
Page 1 of 1

[Signature]
Initial



ARBITRATION AGREEMENT

Standard Lease Addendum

Dated May 24, 2017

By and Between (Lessor) De Vore and De Vore

(Lessee) Byung Chun Choung, as an individual

Address of Premises: 210 West Slauson Avenue, Parcel "B"
Los Angeles, California 90003

Paragraph

A. ARBITRATION OF DISPUTES:

Except as provided in Paragraph B below, the Parties agree to resolve any and all claims, disputes or disagreements arising under this Lease, including, but not limited to any matter relating to Lessor's failure to approve an assignment, sublease or other transfer of Lessee's interest in the Lease under Paragraph 12 of this Lease, any other defaults by Lessor, or any defaults by Lessee by and through arbitration as provided below and irrevocably waive any and all rights to the contrary. The Parties agree to at all times conduct themselves in strict, full, complete and timely accordance with the terms hereof and that any attempt to circumvent the terms of this Arbitration Agreement shall be absolutely null and void and of no force or effect whatsoever.

B. DISPUTES EXCLUDED FROM ARBITRATION:

The following claims, disputes or disagreements under this Lease are expressly excluded from the arbitration procedures set forth herein: 1. Disputes for which a different resolution determination is specifically set forth in this Lease, 2. All claims by either party which (a) seek anything other than enforcement or determination of rights under this Lease, or (b) are primarily founded upon matters of fraud, willful misconduct, bad faith or any other allegations of tortious action, and seek the award of punitive or exemplary damages, 3. Claims relating to (a) Lessor's exercise of any unlawful detainer rights pursuant to applicable law or (b) rights or remedies used by Lessor to gain possession of the Premises or terminate Lessee's right of possession to the Premises, all of which disputes shall be resolved by suit filed in the applicable court of jurisdiction, the decision of which court shall be subject to appeal pursuant to applicable law 4. Any claim or dispute that is within the jurisdiction of the Small Claims Court and 5. All claims arising under Paragraph 39 of this Lease.

C. APPOINTMENT OF AN ARBITRATOR:

All disputes subject to this Arbitration Agreement, shall be determined by binding arbitration before: ☒ a retired judge of the applicable court of jurisdiction (e.g., the Superior Court of the State of California) affiliated with Judicial Arbitration & Mediation Services, Inc. ("JAMS"), ☐ the American Arbitration Association ("AAA") under its commercial arbitration rules, ☐ , or as may be otherwise mutually agreed by Lessor and Lessee (the "Arbitrator"). Such arbitration shall be initiated by the Parties, or either of them, within ten (10) days after either party sends written notice (the "Arbitration Notice") of a demand to arbitrate by registered or certified mail to the other party and to the Arbitrator. The Arbitration Notice shall contain a description of the subject matter of the arbitration, the dispute with respect thereto, the amount involved, if any, and the remedy or determination sought. If the Parties have agreed to use JAMS they may agree on a retired judge from the JAMS panel. If they are unable to agree within ten days, JAMS will provide a list of three available judges and each party may strike one. The remaining judge (or if there are two, the one selected by JAMS) will serve as the Arbitrator. If the Parties have elected to utilize AAA or some other organization, the Arbitrator shall be selected in accordance with said organization's rules. In the event the Arbitrator is not selected as provided for above for any reason, the party initiating arbitration shall apply to the appropriate Court for the appointment of a qualified retired judge to act as the Arbitrator.

D. ARBITRATION PROCEDURE:

1. **PRE-HEARING ACTIONS.** The Arbitrator shall schedule a pre-hearing conference to resolve procedural matters, arrange for the exchange of information, obtain stipulations, and narrow the issues. The Parties will submit proposed discovery schedules to the Arbitrator at the pre-hearing conference. The scope and duration of discovery will be within the sole discretion of the Arbitrator. The Arbitrator shall have the discretion to order a pre-hearing exchange of information by the Parties, including, without limitation, production of requested documents, exchange of summaries of testimony of proposed witnesses, and examination by deposition of parties and third-party witnesses. This discretion shall be exercised in favor of discovery reasonable under the circumstances. The Arbitrator shall issue subpoenas and subpoenas duces tecum as provided for in the applicable statutory or case law (e.g., in California Code of Civil Procedure Section 1282.6).

2. **THE DECISION.** The arbitration shall be conducted in the city or county within which the Premises are located at a reasonably convenient site. Any Party may be represented by counsel or other authorized representative. In rendering a decision(s), the Arbitrator shall determine the rights and obligations of the Parties according to the substantive laws and the terms and provisions of this Lease. The Arbitrator's decision shall be based on the evidence introduced at the hearing, including all logical and reasonable inferences therefrom. The Arbitrator may make any determination and/or grant any remedy or relief that is just and equitable. The decision must be based on, and accompanied by, a written statement of decision explaining the factual and legal basis for the decision as to each of the principal controverted issues. The decision shall be conclusive and binding, and it may thereafter be confirmed as a judgment by the court of applicable jurisdiction, subject only to challenge on the grounds set forth in the applicable statutory or case law (e.g., in California Code of Civil Procedure Section 1286.2). The validity and enforceability of the Arbitrator's decision is to be determined exclusively by the court of appropriate jurisdiction pursuant to the provisions of this Lease. The Arbitrator may award costs, including without limitation, Arbitrator's fees and costs, attorneys' fees, and expert and witness costs, to the prevailing party, if any, as determined by the Arbitrator in his discretion.

Exhibit "C"

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INITIALS

INITIALS

Whenever a matter which has been submitted to arbitration involves a dispute as to whether or not a particular act or omission (other than a failure to pay money) constitutes a Default, the time to commence or cease such action shall be tolled from the date that the Notice of Arbitration is served through and until the date the Arbitrator renders his or her decision. Provided, however, that this provision shall NOT apply in the event that the Arbitrator determines that the Arbitration Notice was prepared in bad faith.

Whenever a dispute arises between the Parties concerning whether or not the failure to make a payment of money constitutes a default, the service of an Arbitration Notice shall NOT toll the time period in which to pay the money. The Party allegedly obligated to pay the money may, however, elect to pay the money "under protest" by accompanying said payment with a written statement setting forth the reasons for such protest. If thereafter, the Arbitrator determines that the Party who received said money was not entitled to such payment, said money shall be promptly returned to the Party who paid such money under protest together with Interest thereon as defined in Paragraph 13.5. If a Party makes a payment "under protest" but no Notice of Arbitration is filed within thirty days, then such protest shall be deemed waived. (See also Paragraph 42 or 43)

NOTICE: These forms are often modified to meet changing requirements of law and industry needs. Always write or call to make sure you are utilizing the most current form: AIR Commercial Real Estate Association, 500 N Brand Blvd, Suite 900, Glendale, CA 91203. Telephone No. (213) 687-8777. Fax No.: (213) 687-8616.

Exhibit "C"

PAGE 2 OF 2


INITIALS


INITIALS



RENT ADJUSTMENT(S)

STANDARD LEASE ADDENDUM

Dated May 24, 2017

By and Between (Lessor) De Vore and De Vore

(Lessee) Byung Chun Choung, as an individual

Address of Premises: 210 West Slauson Avenue, Parcel "B"

Los Angeles, California 90003

Paragraph

A. RENT ADJUSTMENTS:

The monthly rent for each month of the adjustment period(s) specified below shall be increased using the method(s) indicated below:

(Check Method(s) to be Used and Fill in Appropriately)

☐ I. Cost of Living Adjustment(s) (COLA)

 a. On (Fill in COLA Dates): the Base Rent shall be adjusted by the change, if any, from the Base Month specified below, in the Consumer Price Index of the Bureau of Labor Statistics of the U.S. Department of Labor for (select one): ☐ CPI-W (Urban Wage Earners and Clerical Workers) or ☐ CPI-U (All Urban Consumers), for (Fill in Urban Area): , All Items (1982-1984 = 100), herein referred to as "CPI".

 b. The monthly rent payable in accordance with paragraph A.I.a. of this Addendum shall be calculated as follows: the Base Rent set forth in paragraph 1.5 of the attached Lease, shall be multiplied by a fraction the numerator of which shall be the CPI of the calendar month 2 months prior to the month(s) specified in paragraph A.I.a. above during which the adjustment is to take effect, and the denominator of which shall be the CPI of the calendar month which is 2 months prior to (select one): the ☐ first month of the term of this Lease as set forth in paragraph 1.3 ("Base Month") or ☐ (Fill in Other "Base Month"): . The sum so calculated shall constitute the new monthly rent hereunder, but in no event, shall any such new monthly rent be less than the rent payable for the month immediately preceding the rent adjustment.

 c. In the event the compilation and/or publication of the CPI shall be transferred to any other governmental department or bureau or agency or shall be discontinued, then the index most nearly the same as the CPI shall be used to make such calculation. In the event that the Parties cannot agree on such alternative index, then the matter shall be submitted for decision to the American Arbitration Association in accordance with the then rules of said Association and the decision of the arbitrators shall be binding upon the parties. The cost of said Arbitration shall be paid equally by the Parties.

☐ II. Market Rental Value Adjustment(s) (MRV)

 a. On (Fill in MRV Adjustment Date(s)): the Base Rent shall be adjusted to the "Market Rental Value" of the property as follows:

 1) Four months prior to each Market Rental Value Adjustment Date described above, the Parties shall attempt to agree upon what the new MRV will be on the adjustment date. If agreement cannot be reached within thirty days, then:

 (a) Lessor and Lessee shall immediately appoint a mutually acceptable appraiser or broker to establish the new MRV within the next 30 days. Any associated costs will be split equally between the Parties, or

 (b) Both Lessor and Lessee shall each immediately make a reasonable determination of the MRV and submit such determination, in writing, to arbitration in accordance with the following provisions:

 (i) Within 15 days thereafter, Lessor and Lessee shall each select an ☐ appraiser or ☐ broker ("Consultant" - check one) of their choice to act as an arbitrator. The two arbitrators so appointed shall immediately select a third mutually acceptable Consultant to act as a third arbitrator.

 (ii) The 3 arbitrators shall within 30 days of the appointment of the third arbitrator reach a decision as to what the actual MRV for the Premises is, and whether Lessor's or Lessee's submitted MRV is the closest thereto. The decision of a majority of the arbitrators shall be binding on the Parties. The submitted MRV which is determined to be the closest to the actual MRV shall thereafter be used by the Parties.

 (iii) If either of the Parties fails to appoint an arbitrator within the specified 15 days, the arbitrator timely appointed by one of them shall reach a decision on his or her own, and said decision shall be binding on the Parties.

 (iv) The entire cost of such arbitration shall be paid by the party whose submitted MRV is not selected, i.e., the one that is NOT the closest to the actual MRV.

Exhibit "D"

INITIALS

PAGE 1 OF 2

INITIALS

~~2) Notwithstanding the foregoing, the new MRV shall not be less than the rent payable for the month immediately preceding the rent adjustment.~~

~~b. Upon the establishment of each New Market Rental Value:~~

~~1) the new MRV will become the new "Base Rent" for the purpose of calculating any further Adjustments, and~~

~~2) the first month of each Market Rental Value term shall become the new "Base Month" for the purpose of calculating any further Adjustments.~~

☒ **III. Fixed Rental Adjustment(s) (FRA)**

The Base Rent shall be increased to the following amounts on the dates set forth below:

On (Fill in FRA Adjustment Date(s)):	The New Base Rent shall be:
August 1, 2018	\$1,750.00
August 1, 2019	\$1,850.00

B. NOTICE:

Unless specified otherwise herein, notice of any such adjustments, other than Fixed Rental Adjustments, shall be made as specified in paragraph 23 of the Lease.

C. BROKER'S FEE:

The Brokers shall be paid a Brokerage Fee for each adjustment specified above in accordance with paragraph 15 of the Lease or if applicable, paragraph 9 of the Sublease.

NOTICE: These forms are often modified to meet changing requirements of law and industry needs. Always write or call to make sure you are utilizing the most current form: AIR Commercial Real Estate Association, 500 N Brand Blvd, Suite 900, Glendale, CA 91203.
Telephone No. (213) 687-8777. Fax No.: (213) 687-8616.

Exhibit "D"

INITIALS

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INITIALS

LESSEE EMERGENCY CONTACT INFORMATION SHEET
(PLEASE PRINT)

Lessee's Name: Byung Chun Choung

Address of
Leased Premises: 210 West Slauson Avenue, Parcel "B"
(Street Address, Suite Number)

Los Angeles, California 90003
(City, State, Zip Code)

Home Address: _____
(Street Address, Apartment Number)

(City, State, Zip Code)

Alternate Address: _____
(Street Address, Apartment Number)

(City, State, Zip Code)

Office Phone: _____

Email: tony7cy@gmail.com

Cell Phone: 213.276.9275

Fax: _____

In case of emergency, contact: _____

Relationship: _____

Address: _____
(Street Address, Apartment Number)

(City, State, Zip Code)

Telephone: _____

INSURANCE INFORMATION:

Insurance Policy Number: _____

Expiration Date: _____

Insurance Agency: _____

Agent's Name: _____

Address: _____
(Street Address)

(City, State, Zip Code)

Telephone: _____

Fax: _____

BC
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Exhibit "E"

310
Initial

Appendix D

Photographs During Emergency Response



Photograph 1: View of western side of Site post explosion. Emergency Response (ER) staff standing next to a burned out tractor. Other metallic objects damaged by the explosion are observed to the left of the burned out tractor.



Photograph 2: View of southern side of Site. Four 55-gallon drums and a trailer damaged by the explosion are observed.



Photograph 3: Trailers post explosion. Scrap metals are observed in the left trailer.



Photograph 4: Reminders of trailer post explosion. Absorbent material is observed on the asphalt.



Photograph 5: View of eastern side of Site. Photo of remnants of the fuel tank that exploded.



Photograph 6: Burned out tractor.



Photograph 7: View of eastern side of Site. Remnants of the fuel tank. Absorbent material is observed on the asphalt. Metallic wall structure appears to have been impacted by the explosion.



Photograph 8: Close up of metal debris and absorbent material are shown.



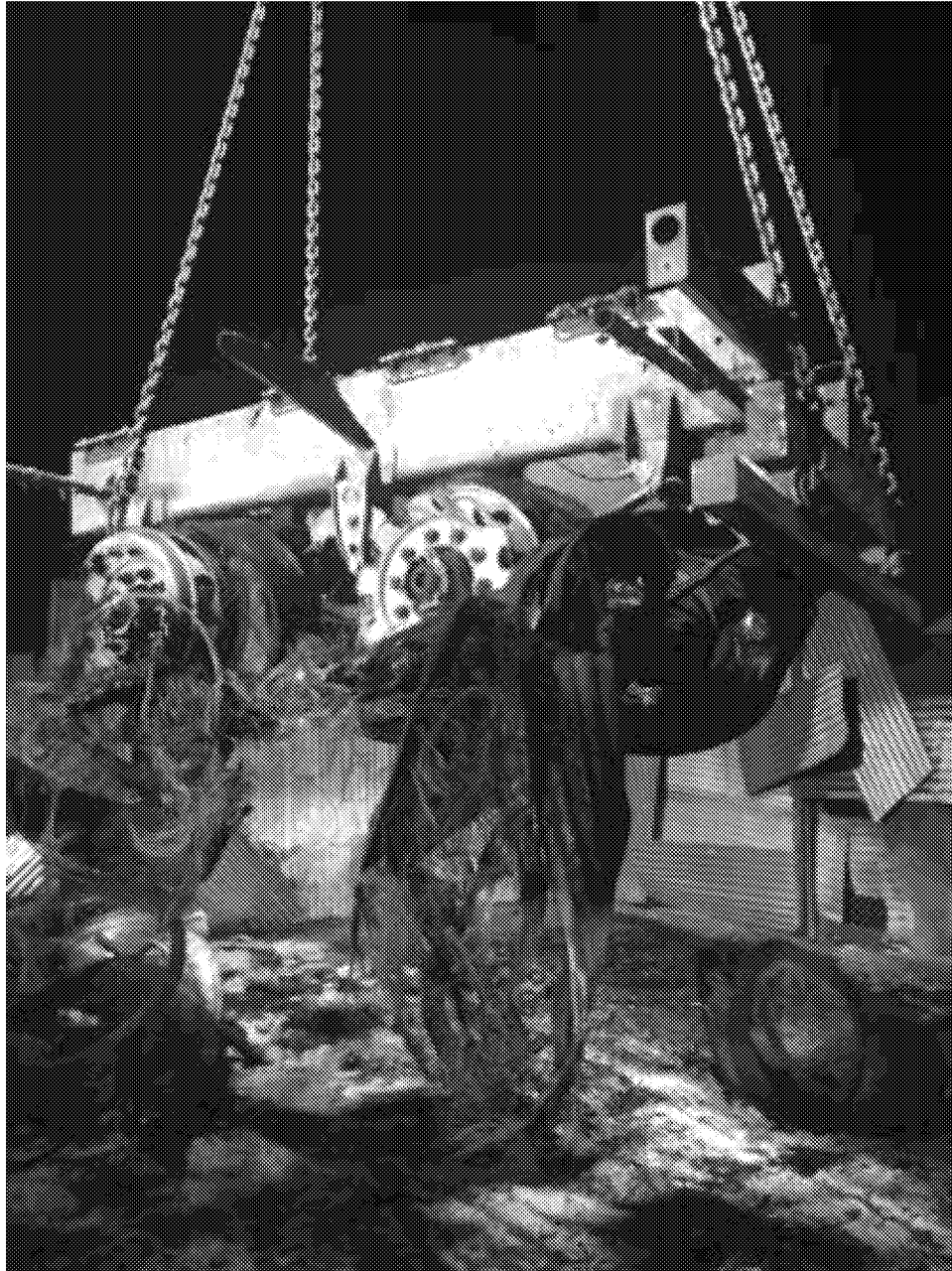
Photograph 9: A fire-damaged trailer being hauled off-Site.



Photograph 10: Crane loading the fuel tank on trailer.



Photograph 11: Crane loading remnants of the fuel tank frame.



Photograph 12: Close-up photo of a crane loading remnants of the fuel tank carriage.



Photograph 13: Side view of remnants of the fuel tank and carriage loaded on a flat-bed for transport.

Appendix E

Laboratory Reports of Samples Collected from Containerized Material

April 23, 2019

Alan/Matt
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd
Suite 900
Huntington Beach, CA 92647
TEL: 877 232 4620
FAX:

Workorder No.: N035205

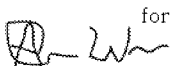
RE: 210 Slauson, 580101

Enclosed are the results for sample(s) received on April 18, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

for


Puri Romualdo
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



ASSET LABORATORIES
AN ISO 17025 ACCREDITED LABORATORY

"Serving Clients with Passion and Professionalism"

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.**Project:** 210 Slauson, 580101**Lab Order:** N035205**CASE NARRATIVE****SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comment For EPA 6010B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Barium and Silver possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comment For EPA 8015B_DRO/ORO:

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria for DRO possibly due to non-homogeneity of sample; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments For EPA 8082:

Matrix Spike (MS) is outside recovery criteria for Aroclor 1260 and Aroclor 1016 possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike Duplicate (MSD) is outside recovery criteria for Aroclor 1016 possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria for Aroclor 1260 and Aroclor 1016 possibly due to non-homogeneity of sample; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N035205

CASE NARRATIVE

Analytical Comment For EPA 8260B:

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recovery biased high for Bromomethane and batches CA19VS074 and CA19VS075. Sample results were non-detect (ND) for this analyte therefore reanalysis of the samples was not necessary.

Laboratory Control Sample Duplicate (LCSD) recovery biased high for Trichloroethene and batch CA19VS074. Sample results were non-detect (ND) for this analyte therefore reanalysis of the samples was not necessary.



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Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.**Project:** 210 Slauson, 580101**Lab Order:** N035205**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N035205-001A	SW-D-1	Solid	4/18/2019 7:34:00 AM	4/18/2019	4/23/2019
N035205-001B	SW-D-1	Solid	4/18/2019 7:34:00 AM	4/18/2019	4/23/2019
N035205-001C	SW-D-1	Solid	4/18/2019 7:34:00 AM	4/18/2019	4/23/2019
N035205-001D	SW-D-1	Solid	4/18/2019 7:34:00 AM	4/18/2019	4/23/2019
N035205-001E	SW-D-1	Solid	4/18/2019 7:34:00 AM	4/18/2019	4/23/2019
N035205-002A	SW-D-2	Solid	4/18/2019 7:42:00 AM	4/18/2019	4/23/2019
N035205-002B	SW-D-2	Solid	4/18/2019 7:42:00 AM	4/18/2019	4/23/2019
N035205-002C	SW-D-2	Solid	4/18/2019 7:42:00 AM	4/18/2019	4/23/2019
N035205-002D	SW-D-2	Solid	4/18/2019 7:42:00 AM	4/18/2019	4/23/2019
N035205-002E	SW-D-2	Solid	4/18/2019 7:42:00 AM	4/18/2019	4/23/2019
N035205-003A	SW-D-3	Solid	4/18/2019 7:50:00 AM	4/18/2019	4/23/2019
N035205-003B	SW-D-3	Solid	4/18/2019 7:50:00 AM	4/18/2019	4/23/2019
N035205-003C	SW-D-3	Solid	4/18/2019 7:50:00 AM	4/18/2019	4/23/2019
N035205-003D	SW-D-3	Solid	4/18/2019 7:50:00 AM	4/18/2019	4/23/2019
N035205-003E	SW-D-3	Solid	4/18/2019 7:50:00 AM	4/18/2019	4/23/2019
N035205-004A	SW-D-4	Solid	4/18/2019 8:05:00 AM	4/18/2019	4/23/2019
N035205-004B	SW-D-4	Solid	4/18/2019 8:05:00 AM	4/18/2019	4/23/2019
N035205-004C	SW-D-4	Solid	4/18/2019 8:05:00 AM	4/18/2019	4/23/2019
N035205-004D	SW-D-4	Solid	4/18/2019 8:05:00 AM	4/18/2019	4/23/2019
N035205-004E	SW-D-4	Solid	4/18/2019 8:05:00 AM	4/18/2019	4/23/2019
N035205-005A	SW-D-5	Solid	4/18/2019 8:18:00 AM	4/18/2019	4/23/2019
N035205-005B	SW-D-5	Solid	4/18/2019 8:18:00 AM	4/18/2019	4/23/2019
N035205-005C	SW-D-5	Solid	4/18/2019 8:18:00 AM	4/18/2019	4/23/2019
N035205-005D	SW-D-5	Solid	4/18/2019 8:18:00 AM	4/18/2019	4/23/2019
N035205-005E	SW-D-5	Solid	4/18/2019 8:18:00 AM	4/18/2019	4/23/2019
N035205-006A	SW-D-COMP	Solid	4/18/2019 8:30:00 AM	4/18/2019	4/23/2019
N035205-006B	SW-D-COMP	Solid	4/18/2019 8:30:00 AM	4/18/2019	4/23/2019
N035205-007A	SW-B-1	Solid	4/18/2019 9:15:00 AM	4/18/2019	4/23/2019
N035205-007B	SW-B-1	Solid	4/18/2019 9:15:00 AM	4/18/2019	4/23/2019

**ASSET LABORATORIES**
AN ISO 17025 ACCREDITED LABORATORY

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CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N035205
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N035205-007C	SW-B-1	Solid	4/18/2019 9:15:00 AM	4/18/2019	4/23/2019
N035205-007D	SW-B-1	Solid	4/18/2019 9:15:00 AM	4/18/2019	4/23/2019
N035205-007E	SW-B-1	Solid	4/18/2019 9:15:00 AM	4/18/2019	4/23/2019
N035205-008A	SW-B-2	Solid	4/18/2019 9:09:00 AM	4/18/2019	4/23/2019
N035205-008B	SW-B-2	Solid	4/18/2019 9:09:00 AM	4/18/2019	4/23/2019
N035205-008C	SW-B-2	Solid	4/18/2019 9:09:00 AM	4/18/2019	4/23/2019
N035205-008D	SW-B-2	Solid	4/18/2019 9:09:00 AM	4/18/2019	4/23/2019
N035205-008E	SW-B-2	Solid	4/18/2019 9:09:00 AM	4/18/2019	4/23/2019
N035205-009A	SW-B-3	Solid	4/18/2019 9:03:00 AM	4/18/2019	4/23/2019
N035205-009B	SW-B-3	Solid	4/18/2019 9:03:00 AM	4/18/2019	4/23/2019
N035205-009C	SW-B-3	Solid	4/18/2019 9:03:00 AM	4/18/2019	4/23/2019
N035205-009D	SW-B-3	Solid	4/18/2019 9:03:00 AM	4/18/2019	4/23/2019
N035205-009E	SW-B-3	Solid	4/18/2019 9:03:00 AM	4/18/2019	4/23/2019
N035205-010A	SW-B-4	Solid	4/18/2019 8:57:00 AM	4/18/2019	4/23/2019
N035205-010B	SW-B-4	Solid	4/18/2019 8:57:00 AM	4/18/2019	4/23/2019
N035205-010C	SW-B-4	Solid	4/18/2019 8:57:00 AM	4/18/2019	4/23/2019
N035205-010D	SW-B-4	Solid	4/18/2019 8:57:00 AM	4/18/2019	4/23/2019
N035205-010E	SW-B-4	Solid	4/18/2019 8:57:00 AM	4/18/2019	4/23/2019
N035205-011A	SW-B-5	Solid	4/18/2019 9:18:00 AM	4/18/2019	4/23/2019
N035205-011B	SW-B-5	Solid	4/18/2019 9:18:00 AM	4/18/2019	4/23/2019
N035205-011C	SW-B-5	Solid	4/18/2019 9:18:00 AM	4/18/2019	4/23/2019
N035205-011D	SW-B-5	Solid	4/18/2019 9:18:00 AM	4/18/2019	4/23/2019
N035205-011E	SW-B-5	Solid	4/18/2019 9:18:00 AM	4/18/2019	4/23/2019
N035205-012A	SW-B-COMP	Solid	4/18/2019 9:24:00 AM	4/18/2019	4/23/2019
N035205-012B	SW-B-COMP	Solid	4/18/2019 9:24:00 AM	4/18/2019	4/23/2019



ASSET LABORATORIES
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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-1

Lab Order: N035205

Collection Date: 4/18/2019 7:34:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190421A	QC Batch: CA19VS074	PrepDate: 4/19/2019		Analyst: AW		
1,1,1,2-Tetrachloroethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,1,1-Trichloroethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,1,2,2-Tetrachloroethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,1,2-Trichloroethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,1-Dichloroethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,1-Dichloroethene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,1-Dichloropropene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,2,3-Trichlorobenzene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,2,3-Trichloropropane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,2,4-Trichlorobenzene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,2,4-Trimethylbenzene	2200000	71000		µg/Kg	5000	4/22/2019 02:43 PM
1,2-Dibromo-3-chloropropane	ND	14000		µg/Kg	500	4/21/2019 02:54 PM
1,2-Dibromoethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,2-Dichlorobenzene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,2-Dichloroethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,2-Dichloropropane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,3,5-Trimethylbenzene	580000	71000		µg/Kg	5000	4/22/2019 02:43 PM
1,3-Dichlorobenzene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,3-Dichloropropane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
1,4-Dichlorobenzene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
2,2-Dichloropropane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
2-Butanone	ND	71000		µg/Kg	500	4/21/2019 02:54 PM
2-Chlorotoluene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
4-Chlorotoluene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
4-Isopropyltoluene	12000	7100		µg/Kg	500	4/21/2019 02:54 PM
Benzene	14000	7100		µg/Kg	500	4/21/2019 02:54 PM
Bromobenzene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
Bromodichloromethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
Bromoform	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
Bromomethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
Carbon tetrachloride	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
Chlorobenzene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
Chloroethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
Chloroform	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
Chloromethane	ND	7100		µg/Kg	500	4/21/2019 02:54 PM
cis-1,2-Dichloroethene	ND	7100		µg/Kg	500	4/21/2019 02:54 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out


ASSET LABORATORIES
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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-1

Lab Order: N035205

Collection Date: 4/18/2019 7:34:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst: AW
cis-1,3-Dichloropropene	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Dibromochloromethane	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Dibromomethane	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Dichlorodifluoromethane	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Ethylbenzene	270000	7100	µg/Kg	500	4/21/2019 02:54 PM
Freon-113	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Hexachlorobutadiene	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Isopropylbenzene	34000	7100	µg/Kg	500	4/21/2019 02:54 PM
m,p-Xylene	1800000	140000	µg/Kg	5000	4/22/2019 02:43 PM
Methylene chloride	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
MTBE	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
n-Butylbenzene	74000	7100	µg/Kg	500	4/21/2019 02:54 PM
n-Propylbenzene	180000	7100	µg/Kg	500	4/21/2019 02:54 PM
Naphthalene	410000	71000	µg/Kg	5000	4/22/2019 02:43 PM
o-Xylene	760000	71000	µg/Kg	5000	4/22/2019 02:43 PM
sec-Butylbenzene	21000	7100	µg/Kg	500	4/21/2019 02:54 PM
Styrene	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
tert-Butylbenzene	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Tetrachloroethene	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Toluene	600000	71000	µg/Kg	5000	4/22/2019 02:43 PM
trans-1,2-Dichloroethene	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Trichloroethene	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Trichlorofluoromethane	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Vinyl chloride	ND	7100	µg/Kg	500	4/21/2019 02:54 PM
Surr: 1,2-Dichloroethane-d4	118	70-156	%REC	500	4/21/2019 02:54 PM
Surr: 1,2-Dichloroethane-d4	104	70-156	%REC	5000	4/22/2019 02:43 PM
Surr: 4-Bromofluorobenzene	94.3	73-129	%REC	5000	4/22/2019 02:43 PM
Surr: 4-Bromofluorobenzene	95.6	73-129	%REC	500	4/21/2019 02:54 PM
Surr: Dibromofluoromethane	110	73-146	%REC	5000	4/22/2019 02:43 PM
Surr: Dibromofluoromethane	120	73-146	%REC	500	4/21/2019 02:54 PM
Surr: Toluene-d8	96.5	80-120	%REC	500	4/21/2019 02:54 PM
Surr: Toluene-d8	94.7	80-120	%REC	5000	4/22/2019 02:43 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM		
GRO	14000	1400	mg/Kg	500	4/22/2019 07:51 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



ASSET LABORATORIES

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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-1

Lab Order: N035205

Collection Date: 4/18/2019 7:34:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM	
Surr: Chlorobenzene - d5	78.6	47-163	%REC 500	4/22/2019 07:51 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



ASSET LABORATORIES

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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-2

Lab Order: N035205

Collection Date: 4/18/2019 7:42:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-002

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074		PrepDate:	4/19/2019	Analyst: AW
1,1,1,2-Tetrachloroethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,1,1-Trichloroethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,1,2,2-Tetrachloroethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,1,2-Trichloroethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,1-Dichloroethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,1-Dichloroethene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,1-Dichloropropene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,2,3-Trichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,2,3-Trichloropropane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,2,4-Trichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,2,4-Trimethylbenzene	600000	26000		µg/Kg	2000	4/22/2019 03:12 PM
1,2-Dibromo-3-chloropropane	ND	13000		µg/Kg	500	4/21/2019 03:20 PM
1,2-Dibromoethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,2-Dichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,2-Dichloroethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,2-Dichloropropane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,3,5-Trimethylbenzene	140000	6400		µg/Kg	500	4/21/2019 03:20 PM
1,3-Dichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,3-Dichloropropane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
1,4-Dichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
2,2-Dichloropropane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
2-Butanone	ND	64000		µg/Kg	500	4/21/2019 03:20 PM
2-Chlorotoluene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
4-Chlorotoluene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
4-Isopropyltoluene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Benzene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Bromobenzene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Bromodichloromethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Bromoform	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Bromomethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Carbon tetrachloride	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Chlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Chloroethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Chloroform	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
Chloromethane	ND	6400		µg/Kg	500	4/21/2019 03:20 PM
cis-1,2-Dichloroethene	ND	6400		µg/Kg	500	4/21/2019 03:20 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



ASSET LABORATORIES

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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-2

Lab Order: N035205

Collection Date: 4/18/2019 7:42:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-002

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst: AW
cis-1,3-Dichloropropene	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Dibromochloromethane	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Dibromomethane	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Dichlorodifluoromethane	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Ethylbenzene	61000	6400	µg/Kg	500	4/21/2019 03:20 PM
Freon-113	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Hexachlorobutadiene	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Isopropylbenzene	11000	6400	µg/Kg	500	4/21/2019 03:20 PM
m,p-Xylene	370000	13000	µg/Kg	500	4/21/2019 03:20 PM
Methylene chloride	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
MTBE	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
n-Butylbenzene	27000	6400	µg/Kg	500	4/21/2019 03:20 PM
n-Propylbenzene	50000	6400	µg/Kg	500	4/21/2019 03:20 PM
Naphthalene	170000	6400	µg/Kg	500	4/21/2019 03:20 PM
o-Xylene	170000	6400	µg/Kg	500	4/21/2019 03:20 PM
sec-Butylbenzene	7700	6400	µg/Kg	500	4/21/2019 03:20 PM
Styrene	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
tert-Butylbenzene	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Tetrachloroethene	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Toluene	81000	6400	µg/Kg	500	4/21/2019 03:20 PM
trans-1,2-Dichloroethene	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Trichloroethene	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Trichlorofluoromethane	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Vinyl chloride	ND	6400	µg/Kg	500	4/21/2019 03:20 PM
Surr: 1,2-Dichloroethane-d4	119	70-156	%REC	500	4/21/2019 03:20 PM
Surr: 1,2-Dichloroethane-d4	111	70-156	%REC	2000	4/22/2019 03:12 PM
Surr: 4-Bromofluorobenzene	103	73-129	%REC	500	4/21/2019 03:20 PM
Surr: 4-Bromofluorobenzene	92.4	73-129	%REC	2000	4/22/2019 03:12 PM
Surr: Dibromofluoromethane	119	73-146	%REC	500	4/21/2019 03:20 PM
Surr: Dibromofluoromethane	105	73-146	%REC	2000	4/22/2019 03:12 PM
Surr: Toluene-d8	99.2	80-120	%REC	2000	4/22/2019 03:12 PM
Surr: Toluene-d8	99.4	80-120	%REC	500	4/21/2019 03:20 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM		
GRO	3100	510	mg/Kg	200	4/22/2019 08:22 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



ASSET LABORATORIES

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-2

Lab Order: N035205

Collection Date: 4/18/2019 7:42:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-002

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID
EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM
Surr: Chlorobenzene - d5	65.5 47-163 %REC	200	4/22/2019 08:22 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	


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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-3

Lab Order: N035205

Collection Date: 4/18/2019 7:50:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-003

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074		PrepDate:	4/19/2019	Analyst: AW
1,1,1,2-Tetrachloroethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,1,1-Trichloroethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,1,2,2-Tetrachloroethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,1,2-Trichloroethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,1-Dichloroethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,1-Dichloroethene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,1-Dichloropropene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,2,3-Trichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,2,3-Trichloropropane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,2,4-Trichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,2,4-Trimethylbenzene	200000	6400		µg/Kg	500	4/21/2019 03:46 PM
1,2-Dibromo-3-chloropropane	ND	13000		µg/Kg	500	4/21/2019 03:46 PM
1,2-Dibromoethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,2-Dichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,2-Dichloroethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,2-Dichloropropane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,3,5-Trimethylbenzene	52000	6400		µg/Kg	500	4/21/2019 03:46 PM
1,3-Dichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,3-Dichloropropane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
1,4-Dichlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
2,2-Dichloropropane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
2-Butanone	ND	64000		µg/Kg	500	4/21/2019 03:46 PM
2-Chlorotoluene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
4-Chlorotoluene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
4-Isopropyltoluene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Benzene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Bromobenzene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Bromodichloromethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Bromoform	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Bromomethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Carbon tetrachloride	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Chlorobenzene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Chloroethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Chloroform	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
Chloromethane	ND	6400		µg/Kg	500	4/21/2019 03:46 PM
cis-1,2-Dichloroethene	ND	6400		µg/Kg	500	4/21/2019 03:46 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out


ASSET LABORATORIES
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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N035205
Project: 210 Slauson, 580101
Lab ID: N035205-003

Client Sample ID: SW-D-3
Collection Date: 4/18/2019 7:50:00 AM
Matrix: SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS
EPA 8260B

RunID:	CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst:	AW
cis-1,3-Dichloropropene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Dibromochloromethane	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Dibromomethane	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Dichlorodifluoromethane	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Ethylbenzene	49000	6400	µg/Kg	500	4/21/2019 03:46 PM		
Freon-113	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Hexachlorobutadiene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Isopropylbenzene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
m,p-Xylene	230000	13000	µg/Kg	500	4/21/2019 03:46 PM		
Methylene chloride	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
MTBE	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
n-Butylbenzene	11000	6400	µg/Kg	500	4/21/2019 03:46 PM		
n-Propylbenzene	25000	6400	µg/Kg	500	4/21/2019 03:46 PM		
Naphthalene	41000	6400	µg/Kg	500	4/21/2019 03:46 PM		
o-Xylene	110000	6400	µg/Kg	500	4/21/2019 03:46 PM		
sec-Butylbenzene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Styrene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
tert-Butylbenzene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Tetrachloroethene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Toluene	54000	6400	µg/Kg	500	4/21/2019 03:46 PM		
trans-1,2-Dichloroethene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Trichloroethene	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Trichlorofluoromethane	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Vinyl chloride	ND	6400	µg/Kg	500	4/21/2019 03:46 PM		
Surr: 1,2-Dichloroethane-d4	118	70-156	%REC	500	4/21/2019 03:46 PM		
Surr: 4-Bromofluorobenzene	95.9	73-129	%REC	500	4/21/2019 03:46 PM		
Surr: Dibromofluoromethane	114	73-146	%REC	500	4/21/2019 03:46 PM		
Surr: Toluene-d8	102	80-120	%REC	500	4/21/2019 03:46 PM		

GASOLINE RANGE ORGANICS BY GC/FID
EPA 8015B

RunID:	NV00922-GC4_190422A	QC Batch:	E19VS065	PrepDate:	4/22/2019	Analyst:	QBM
GRO	1500	510	mg/Kg	200	4/22/2019 02:32 PM		
Surr: Chlorobenzene - d5	63.9	47-163	%REC	200	4/22/2019 02:32 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



ASSET LABORATORIES
 ANALYTICAL LABORATORIES

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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-4

Lab Order: N035205

Collection Date: 4/18/2019 8:05:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-004

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190421A	QC Batch: CA19VS074			PrepDate: 4/19/2019	Analyst: AW	
1,1,1,2-Tetrachloroethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,1,1-Trichloroethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,1,2,2-Tetrachloroethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,1,2-Trichloroethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,1-Dichloroethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,1-Dichloroethene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,1-Dichloropropene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,2,3-Trichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,2,3-Trichloropropane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,2,4-Trichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,2,4-Trimethylbenzene	540000	40000		µg/Kg	5000	4/22/2019 03:42 PM
1,2-Dibromo-3-chloropropane	ND	8000		µg/Kg	500	4/21/2019 04:13 PM
1,2-Dibromoethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,2-Dichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,2-Dichloroethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,2-Dichloropropane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,3,5-Trimethylbenzene	120000	4000		µg/Kg	500	4/21/2019 04:13 PM
1,3-Dichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,3-Dichloropropane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
1,4-Dichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
2,2-Dichloropropane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
2-Butanone	ND	40000		µg/Kg	500	4/21/2019 04:13 PM
2-Chlorotoluene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
4-Chlorotoluene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
4-Isopropyltoluene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Benzene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Bromobenzene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Bromodichloromethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Bromoform	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Bromomethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Carbon tetrachloride	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Chlorobenzene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Chloroethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Chloroform	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
Chloromethane	ND	4000		µg/Kg	500	4/21/2019 04:13 PM
cis-1,2-Dichloroethene	ND	4000		µg/Kg	500	4/21/2019 04:13 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out


ASSET LABORATORIES
ANALYTICAL LABORATORY SERVICES

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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-4

Lab Order: N035205

Collection Date: 4/18/2019 8:05:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-004

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst: AW
cis-1,3-Dichloropropene	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Dibromochloromethane	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Dibromomethane	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Dichlorodifluoromethane	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Ethylbenzene	52000	4000	µg/Kg	500	4/21/2019 04:13 PM
Freon-113	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Hexachlorobutadiene	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Isopropylbenzene	8000	4000	µg/Kg	500	4/21/2019 04:13 PM
m,p-Xylene	250000	8000	µg/Kg	500	4/21/2019 04:13 PM
Methylene chloride	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
MTBE	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
n-Butylbenzene	27000	4000	µg/Kg	500	4/21/2019 04:13 PM
n-Propylbenzene	43000	4000	µg/Kg	500	4/21/2019 04:13 PM
Naphthalene	260000	40000	µg/Kg	5000	4/22/2019 03:42 PM
o-Xylene	120000	4000	µg/Kg	500	4/21/2019 04:13 PM
sec-Butylbenzene	6500	4000	µg/Kg	500	4/21/2019 04:13 PM
Styrene	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
tert-Butylbenzene	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Tetrachloroethene	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Toluene	58000	4000	µg/Kg	500	4/21/2019 04:13 PM
trans-1,2-Dichloroethene	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Trichloroethene	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Trichlorofluoromethane	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Vinyl chloride	ND	4000	µg/Kg	500	4/21/2019 04:13 PM
Surr: 1,2-Dichloroethane-d4	124	70-156	%REC	500	4/21/2019 04:13 PM
Surr: 1,2-Dichloroethane-d4	111	70-156	%REC	5000	4/22/2019 03:42 PM
Surr: 4-Bromofluorobenzene	98.2	73-129	%REC	500	4/21/2019 04:13 PM
Surr: 4-Bromofluorobenzene	96.2	73-129	%REC	5000	4/22/2019 03:42 PM
Surr: Dibromofluoromethane	111	73-146	%REC	5000	4/22/2019 03:42 PM
Surr: Dibromofluoromethane	115	73-146	%REC	500	4/21/2019 04:13 PM
Surr: Toluene-d8	98.8	80-120	%REC	5000	4/22/2019 03:42 PM
Surr: Toluene-d8	102	80-120	%REC	500	4/21/2019 04:13 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM		
GRO	2200	320	mg/Kg	200	4/22/2019 03:03 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



ASSET LABORATORIES

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-4

Lab Order: N035205

Collection Date: 4/18/2019 8:05:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-004

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID
EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM
Surr: Chlorobenzene - d5	64.0	47-163	%REC 200
			4/22/2019 03:03 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-5

Lab Order: N035205

Collection Date: 4/18/2019 8:18:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-005

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190421A	QC Batch: CA19VS074			PrepDate: 4/19/2019	Analyst: AW	
1,1,1,2-Tetrachloroethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,1,1-Trichloroethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,1,2,2-Tetrachloroethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,1,2-Trichloroethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,1-Dichloroethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,1-Dichloroethene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,1-Dichloropropene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,2,3-Trichlorobenzene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,2,3-Trichloropropane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,2,4-Trichlorobenzene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,2,4-Trimethylbenzene	1200000	37000		µg/Kg	5000	4/22/2019 04:10 PM
1,2-Dibromo-3-chloropropane	ND	7400		µg/Kg	500	4/21/2019 04:40 PM
1,2-Dibromoethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,2-Dichlorobenzene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,2-Dichloroethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,2-Dichloropropane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,3,5-Trimethylbenzene	310000	37000		µg/Kg	5000	4/22/2019 04:10 PM
1,3-Dichlorobenzene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,3-Dichloropropane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
1,4-Dichlorobenzene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
2,2-Dichloropropane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
2-Butanone	ND	37000		µg/Kg	500	4/21/2019 04:40 PM
2-Chlorotoluene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
4-Chlorotoluene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
4-Isopropyltoluene	8300	3700		µg/Kg	500	4/21/2019 04:40 PM
Benzene	11000	3700		µg/Kg	500	4/21/2019 04:40 PM
Bromobenzene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
Bromodichloromethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
Bromoform	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
Bromomethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
Carbon tetrachloride	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
Chlorobenzene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
Chloroethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
Chloroform	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
Chloromethane	ND	3700		µg/Kg	500	4/21/2019 04:40 PM
cis-1,2-Dichloroethene	ND	3700		µg/Kg	500	4/21/2019 04:40 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out


ASSET LABORATORIES
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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-5

Lab Order: N035205

Collection Date: 4/18/2019 8:18:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-005

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst: AW
cis-1,3-Dichloropropene	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Dibromochloromethane	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Dibromomethane	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Dichlorodifluoromethane	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Ethylbenzene	230000	37000	µg/Kg	5000	4/22/2019 04:10 PM
Freon-113	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Hexachlorobutadiene	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Isopropylbenzene	25000	3700	µg/Kg	500	4/21/2019 04:40 PM
m,p-Xylene	1100000	74000	µg/Kg	5000	4/22/2019 04:10 PM
Methylene chloride	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
MTBE	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
n-Butylbenzene	50000	3700	µg/Kg	500	4/21/2019 04:40 PM
n-Propylbenzene	120000	3700	µg/Kg	500	4/21/2019 04:40 PM
Naphthalene	250000	37000	µg/Kg	5000	4/22/2019 04:10 PM
o-Xylene	450000	37000	µg/Kg	5000	4/22/2019 04:10 PM
sec-Butylbenzene	15000	3700	µg/Kg	500	4/21/2019 04:40 PM
Styrene	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
tert-Butylbenzene	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Tetrachloroethene	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Toluene	360000	37000	µg/Kg	5000	4/22/2019 04:10 PM
trans-1,2-Dichloroethene	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Trichloroethene	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Trichlorofluoromethane	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Vinyl chloride	ND	3700	µg/Kg	500	4/21/2019 04:40 PM
Surr: 1,2-Dichloroethane-d4	107	70-156	%REC	5000	4/22/2019 04:10 PM
Surr: 1,2-Dichloroethane-d4	120	70-156	%REC	500	4/21/2019 04:40 PM
Surr: 4-Bromofluorobenzene	103	73-129	%REC	500	4/21/2019 04:40 PM
Surr: 4-Bromofluorobenzene	92.9	73-129	%REC	5000	4/22/2019 04:10 PM
Surr: Dibromofluoromethane	114	73-146	%REC	500	4/21/2019 04:40 PM
Surr: Dibromofluoromethane	108	73-146	%REC	5000	4/22/2019 04:10 PM
Surr: Toluene-d8	96.8	80-120	%REC	5000	4/22/2019 04:10 PM
Surr: Toluene-d8	92.4	80-120	%REC	500	4/21/2019 04:40 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM		
GRO	8000	740	mg/Kg	500	4/22/2019 08:52 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N035205
Project: 210 Slauson, 580101
Lab ID: N035205-005

Client Sample ID: SW-D-5
Collection Date: 4/18/2019 8:18:00 AM
Matrix: SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
EPA 8015B						
RunID: NV00922-GC4_190422A	QC Batch: E19VS065				PrepDate: 4/22/2019	Analyst: QBM
Surr: Chlorobenzene - d5	66.4	47-163	%REC	500	4/22/2019 08:52 PM	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



ASSET LABORATORIES
ANALYTICAL SERVICES FOR ENVIRONMENTAL CONSULTING, INC.

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N035205
Project: 210 Slauson, 580101
Lab ID: N035205-006

Client Sample ID: SW-D-COMP
Collection Date: 4/18/2019 8:30:00 AM
Matrix: SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B			
RunID: NV00922-GC10_190422B	QC Batch: 73479			PrepDate: 4/19/2019	Analyst: LLR	
DRO	17000	100		mg/Kg	10	4/22/2019 04:47 PM
ORO	13000	100		mg/Kg	10	4/22/2019 04:47 PM
Surr: p-Terphenyl	89.0	56-133		%REC	2	4/19/2019 07:48 PM
PCBS BY GC/ECD						
EPA 3546			EPA 8082			
RunID: NV00922-GC8_190419A	QC Batch: 73488			PrepDate: 4/19/2019	Analyst: MGB	
Aroclor 1016	ND	17		µg/Kg	1	4/19/2019 04:46 PM
Aroclor 1221	ND	33		µg/Kg	1	4/19/2019 04:46 PM
Aroclor 1232	ND	17		µg/Kg	1	4/19/2019 04:46 PM
Aroclor 1242	ND	17		µg/Kg	1	4/19/2019 04:46 PM
Aroclor 1248	ND	17		µg/Kg	1	4/19/2019 04:46 PM
Aroclor 1254	52	17		µg/Kg	1	4/19/2019 04:46 PM
Aroclor 1260	21	17		µg/Kg	1	4/19/2019 04:46 PM
Surr: Decachlorobiphenyl	52.0	25-120		%REC	1	4/19/2019 04:46 PM
Surr: Tetrachloro-m-xylene	49.8	21-118		%REC	1	4/19/2019 04:46 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
			EPA 7471A			
RunID: NV00922-AA1_190422A	QC Batch: 73499			PrepDate: 4/22/2019	Analyst: MG	
Mercury	ND	0.099		mg/Kg	1	4/22/2019 02:21 PM
TOTAL METALS BY ICP						
EPA 3050B			EPA 6010B			
RunID: NV00922-ICP2_190422B	QC Batch: 73474			PrepDate: 4/19/2019	Analyst: CEI	
Antimony	6.1	2.0		mg/Kg	1	4/22/2019 08:47 PM
Arsenic	18	1.0		mg/Kg	1	4/22/2019 08:47 PM
Barium	190	1.0		mg/Kg	1	4/22/2019 08:47 PM
Beryllium	ND	1.0		mg/Kg	1	4/22/2019 08:47 PM
Cadmium	ND	1.0		mg/Kg	1	4/22/2019 08:47 PM
Chromium	22	1.0		mg/Kg	1	4/22/2019 08:47 PM
Cobalt	8.8	1.0		mg/Kg	1	4/22/2019 08:47 PM
Copper	99	2.0		mg/Kg	1	4/22/2019 08:47 PM
Lead	35	1.0		mg/Kg	1	4/22/2019 08:47 PM
Molybdenum	2.4	1.0		mg/Kg	1	4/22/2019 08:47 PM
Nickel	13	1.0		mg/Kg	1	4/22/2019 08:47 PM
Selenium	ND	1.0		mg/Kg	1	4/22/2019 08:47 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



ASSET LABORATORIES
 ANALYTICAL SERVICES FOR ENVIRONMENTAL CONSULTING

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-D-COMP

Lab Order: N035205

Collection Date: 4/18/2019 8:30:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-006

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICP
EPA 3050B
EPA 6010B

RunID: NV00922-ICP2_190422B	QC Batch: 73474	PrepDate: 4/19/2019	Analyst: CEI
Silver	ND	1.0	mg/Kg
Thallium	ND	2.0	mg/Kg
Vanadium	22	1.0	mg/Kg
Zinc	870	1.0	mg/Kg

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-1

Lab Order: N035205

Collection Date: 4/18/2019 9:15:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-007

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190421A	QC Batch: CA19VS074			PrepDate: 4/19/2019	Analyst: AW	
1,1,1,2-Tetrachloroethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,1,1-Trichloroethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,1,2,2-Tetrachloroethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,1,2-Trichloroethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,1-Dichloroethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,1-Dichloroethene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,1-Dichloropropene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,2,3-Trichlorobenzene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,2,3-Trichloropropane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,2,4-Trichlorobenzene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,2,4-Trimethylbenzene	570000	32000		µg/Kg	2000	4/22/2019 04:38 PM
1,2-Dibromo-3-chloropropane	ND	16000		µg/Kg	500	4/21/2019 05:06 PM
1,2-Dibromoethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,2-Dichlorobenzene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,2-Dichloroethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,2-Dichloropropane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,3,5-Trimethylbenzene	150000	8000		µg/Kg	500	4/21/2019 05:06 PM
1,3-Dichlorobenzene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,3-Dichloropropane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
1,4-Dichlorobenzene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
2,2-Dichloropropane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
2-Butanone	ND	80000		µg/Kg	500	4/21/2019 05:06 PM
2-Chlorotoluene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
4-Chlorotoluene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
4-Isopropyltoluene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Benzene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Bromobenzene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Bromodichloromethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Bromoform	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Bromomethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Carbon tetrachloride	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Chlorobenzene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Chloroethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Chloroform	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
Chloromethane	ND	8000		µg/Kg	500	4/21/2019 05:06 PM
cis-1,2-Dichloroethene	ND	8000		µg/Kg	500	4/21/2019 05:06 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-1

Lab Order: N035205

Collection Date: 4/18/2019 9:15:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-007

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst: AW
cis-1,3-Dichloropropene	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Dibromochloromethane	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Dibromomethane	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Dichlorodifluoromethane	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Ethylbenzene	42000	8000	µg/Kg	500	4/21/2019 05:06 PM
Freon-113	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Hexachlorobutadiene	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Isopropylbenzene	9600	8000	µg/Kg	500	4/21/2019 05:06 PM
m,p-Xylene	240000	16000	µg/Kg	500	4/21/2019 05:06 PM
Methylene chloride	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
MTBE	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
n-Butylbenzene	27000	8000	µg/Kg	500	4/21/2019 05:06 PM
n-Propylbenzene	46000	8000	µg/Kg	500	4/21/2019 05:06 PM
Naphthalene	130000	8000	µg/Kg	500	4/21/2019 05:06 PM
o-Xylene	150000	8000	µg/Kg	500	4/21/2019 05:06 PM
sec-Butylbenzene	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Styrene	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
tert-Butylbenzene	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Tetrachloroethene	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Toluene	25000	8000	µg/Kg	500	4/21/2019 05:06 PM
trans-1,2-Dichloroethene	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Trichloroethene	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Trichlorofluoromethane	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Vinyl chloride	ND	8000	µg/Kg	500	4/21/2019 05:06 PM
Surr: 1,2-Dichloroethane-d4	114	70-156	%REC	500	4/21/2019 05:06 PM
Surr: 1,2-Dichloroethane-d4	116	70-156	%REC	2000	4/22/2019 04:38 PM
Surr: 4-Bromofluorobenzene	99.4	73-129	%REC	500	4/21/2019 05:06 PM
Surr: 4-Bromofluorobenzene	92.7	73-129	%REC	2000	4/22/2019 04:38 PM
Surr: Dibromofluoromethane	116	73-146	%REC	500	4/21/2019 05:06 PM
Surr: Dibromofluoromethane	111	73-146	%REC	2000	4/22/2019 04:38 PM
Surr: Toluene-d8	102	80-120	%REC	2000	4/22/2019 04:38 PM
Surr: Toluene-d8	99.9	80-120	%REC	500	4/21/2019 05:06 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM		
GRO	2400	640	mg/Kg	200	4/22/2019 04:05 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



ASSET LABORATORIES

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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-1

Lab Order: N035205

Collection Date: 4/18/2019 9:15:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-007

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID
EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM
Surr: Chlorobenzene - d5	65.5	47-163	%REC 200
			4/22/2019 04:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-2

Lab Order: N035205

Collection Date: 4/18/2019 9:09:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-008

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190422A	QC Batch: CA19VS075	PrepDate: 4/19/2019		Analyst: AW		
1,1,1,2-Tetrachloroethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,1,1-Trichloroethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,1,2,2-Tetrachloroethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,1,2-Trichloroethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,1-Dichloroethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,1-Dichloroethene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,1-Dichloropropene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,2,3-Trichlorobenzene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,2,3-Trichloropropane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,2,4-Trichlorobenzene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,2,4-Trimethylbenzene	100000	6500		µg/Kg	500	4/21/2019 05:33 PM
1,2-Dibromo-3-chloropropane	ND	2600		µg/Kg	100	4/22/2019 05:05 PM
1,2-Dibromoethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,2-Dichlorobenzene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,2-Dichloroethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,2-Dichloropropane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,3,5-Trimethylbenzene	45000	1300		µg/Kg	100	4/22/2019 05:05 PM
1,3-Dichlorobenzene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,3-Dichloropropane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
1,4-Dichlorobenzene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
2,2-Dichloropropane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
2-Butanone	ND	13000		µg/Kg	100	4/22/2019 05:05 PM
2-Chlorotoluene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
4-Chlorotoluene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
4-Isopropyltoluene	2200	1300		µg/Kg	100	4/22/2019 05:05 PM
Benzene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Bromobenzene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Bromodichloromethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Bromoform	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Bromomethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Carbon tetrachloride	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Chlorobenzene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Chloroethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Chloroform	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
Chloromethane	ND	1300		µg/Kg	100	4/22/2019 05:05 PM
cis-1,2-Dichloroethene	ND	1300		µg/Kg	100	4/22/2019 05:05 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-2

Lab Order: N035205

Collection Date: 4/18/2019 9:09:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-008

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: CA01638-MS10_190422A	QC Batch:	CA19VS075	PrepDate:	4/19/2019	Analyst: AW
cis-1,3-Dichloropropene	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Dibromochloromethane	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Dibromomethane	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Dichlorodifluoromethane	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Ethylbenzene	15000	1300	µg/Kg	100	4/22/2019 05:05 PM
Freon-113	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Hexachlorobutadiene	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Isopropylbenzene	3200	1300	µg/Kg	100	4/22/2019 05:05 PM
m,p-Xylene	85000	2600	µg/Kg	100	4/22/2019 05:05 PM
Methylene chloride	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
MTBE	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
n-Butylbenzene	9200	1300	µg/Kg	100	4/22/2019 05:05 PM
n-Propylbenzene	16000	1300	µg/Kg	100	4/22/2019 05:05 PM
Naphthalene	30000	1300	µg/Kg	100	4/22/2019 05:05 PM
o-Xylene	46000	1300	µg/Kg	100	4/22/2019 05:05 PM
sec-Butylbenzene	2400	1300	µg/Kg	100	4/22/2019 05:05 PM
Styrene	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
tert-Butylbenzene	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Tetrachloroethene	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Toluene	13000	1300	µg/Kg	100	4/22/2019 05:05 PM
trans-1,2-Dichloroethene	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Trichloroethene	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Trichlorofluoromethane	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Vinyl chloride	ND	1300	µg/Kg	100	4/22/2019 05:05 PM
Surr: 1,2-Dichloroethane-d4	114	70-156	%REC	100	4/22/2019 05:05 PM
Surr: 1,2-Dichloroethane-d4	122	70-156	%REC	500	4/21/2019 05:33 PM
Surr: 4-Bromofluorobenzene	100	73-129	%REC	100	4/22/2019 05:05 PM
Surr: 4-Bromofluorobenzene	97.6	73-129	%REC	500	4/21/2019 05:33 PM
Surr: Dibromofluoromethane	114	73-146	%REC	100	4/22/2019 05:05 PM
Surr: Dibromofluoromethane	124	73-146	%REC	500	4/21/2019 05:33 PM
Surr: Toluene-d8	102	80-120	%REC	100	4/22/2019 05:05 PM
Surr: Toluene-d8	102	80-120	%REC	500	4/21/2019 05:33 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM		
GRO	510	130	mg/Kg	50	4/22/2019 09:23 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



ASSET LABORATORIES

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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-2

Lab Order: N035205

Collection Date: 4/18/2019 9:09:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-008

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID
EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM
Surr: Chlorobenzene - d5	69.1	47-163	%REC 50
			4/22/2019 09:23 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-3

Lab Order: N035205

Collection Date: 4/18/2019 9:03:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-009

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190421A	QC Batch: CA19VS074			PrepDate: 4/19/2019	Analyst: AW	
1,1,1,2-Tetrachloroethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,1,1-Trichloroethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,1,2,2-Tetrachloroethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,1,2-Trichloroethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,1-Dichloroethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,1-Dichloroethene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,1-Dichloropropene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,2,3-Trichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,2,3-Trichloropropane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,2,4-Trichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,2,4-Trimethylbenzene	98000	4000		µg/Kg	500	4/21/2019 06:00 PM
1,2-Dibromo-3-chloropropane	ND	8000		µg/Kg	500	4/21/2019 06:00 PM
1,2-Dibromoethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,2-Dichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,2-Dichloroethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,2-Dichloropropane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,3,5-Trimethylbenzene	26000	4000		µg/Kg	500	4/21/2019 06:00 PM
1,3-Dichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,3-Dichloropropane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
1,4-Dichlorobenzene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
2,2-Dichloropropane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
2-Butanone	ND	40000		µg/Kg	500	4/21/2019 06:00 PM
2-Chlorotoluene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
4-Chlorotoluene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
4-Isopropyltoluene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Benzene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Bromobenzene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Bromodichloromethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Bromoform	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Bromomethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Carbon tetrachloride	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Chlorobenzene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Chloroethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Chloroform	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
Chloromethane	ND	4000		µg/Kg	500	4/21/2019 06:00 PM
cis-1,2-Dichloroethene	ND	4000		µg/Kg	500	4/21/2019 06:00 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out


ASSET LABORATORIES
ANALYTICAL LABORATORY SERVICES

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N035205
Project: 210 Slauson, 580101
Lab ID: N035205-009

Client Sample ID: SW-B-3
Collection Date: 4/18/2019 9:03:00 AM
Matrix: SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS
EPA 8260B

RunID:	CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst:	AW
cis-1,3-Dichloropropene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Dibromochloromethane	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Dibromomethane	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Dichlorodifluoromethane	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Ethylbenzene	6800	4000	µg/Kg	500	4/21/2019 06:00 PM		
Freon-113	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Hexachlorobutadiene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Isopropylbenzene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
m,p-Xylene	38000	8000	µg/Kg	500	4/21/2019 06:00 PM		
Methylene chloride	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
MTBE	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
n-Butylbenzene	5700	4000	µg/Kg	500	4/21/2019 06:00 PM		
n-Propylbenzene	7200	4000	µg/Kg	500	4/21/2019 06:00 PM		
Naphthalene	81000	4000	µg/Kg	500	4/21/2019 06:00 PM		
o-Xylene	24000	4000	µg/Kg	500	4/21/2019 06:00 PM		
sec-Butylbenzene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Styrene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
tert-Butylbenzene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Tetrachloroethene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Toluene	5100	4000	µg/Kg	500	4/21/2019 06:00 PM		
trans-1,2-Dichloroethene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Trichloroethene	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Trichlorofluoromethane	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Vinyl chloride	ND	4000	µg/Kg	500	4/21/2019 06:00 PM		
Surr: 1,2-Dichloroethane-d4	115	70-156	%REC	500	4/21/2019 06:00 PM		
Surr: 4-Bromofluorobenzene	99.9	73-129	%REC	500	4/21/2019 06:00 PM		
Surr: Dibromofluoromethane	111	73-146	%REC	500	4/21/2019 06:00 PM		
Surr: Toluene-d8	98.1	80-120	%REC	500	4/21/2019 06:00 PM		

GASOLINE RANGE ORGANICS BY GC/FID
EPA 8015B

RunID:	NV00922-GC4_190422A	QC Batch:	E19VS065	PrepDate:	4/22/2019	Analyst:	QBM
GRO	390	80	mg/Kg	50	4/22/2019 09:54 PM		
Surr: Chlorobenzene - d5	55.6	47-163	%REC	50	4/22/2019 09:54 PM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
 DO Surrogate Diluted Out



ASSET LABORATORIES
 ANALYTICAL LABORATORIES

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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-4

Lab Order: N035205

Collection Date: 4/18/2019 8:57:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-010

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst: AW	
1,1,1,2-Tetrachloroethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,1,1-Trichloroethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,1,2,2-Tetrachloroethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,1,2-Trichloroethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,1-Dichloroethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,1-Dichloroethene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,1-Dichloropropene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,2,3-Trichlorobenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,2,3-Trichloropropane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,2,4-Trichlorobenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,2,4-Trimethylbenzene	110000	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,2-Dibromo-3-chloropropane	ND	8100	µg/Kg	500	4/21/2019 06:28 PM	
1,2-Dibromoethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,2-Dichlorobenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,2-Dichloroethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,2-Dichloropropane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,3,5-Trimethylbenzene	28000	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,3-Dichlorobenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,3-Dichloropropane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
1,4-Dichlorobenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
2,2-Dichloropropane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
2-Butanone	ND	41000	µg/Kg	500	4/21/2019 06:28 PM	
2-Chlorotoluene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
4-Chlorotoluene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
4-Isopropyltoluene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Benzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Bromobenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Bromodichloromethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Bromoform	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Bromomethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Carbon tetrachloride	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Chlorobenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Chloroethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Chloroform	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
Chloromethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	
cis-1,2-Dichloroethene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM	

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N035205
Project: 210 Slauson, 580101
Lab ID: N035205-010

Client Sample ID: SW-B-4
Collection Date: 4/18/2019 8:57:00 AM
Matrix: SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS
EPA 8260B

RunID:	CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst:	AW
cis-1,3-Dichloropropene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Dibromochloromethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Dibromomethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Dichlorodifluoromethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Ethylbenzene	10000	4100	µg/Kg	500	4/21/2019 06:28 PM		
Freon-113	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Hexachlorobutadiene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Isopropylbenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
m,p-Xylene	55000	8100	µg/Kg	500	4/21/2019 06:28 PM		
Methylene chloride	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
MTBE	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
n-Butylbenzene	5700	4100	µg/Kg	500	4/21/2019 06:28 PM		
n-Propylbenzene	9300	4100	µg/Kg	500	4/21/2019 06:28 PM		
Naphthalene	34000	4100	µg/Kg	500	4/21/2019 06:28 PM		
o-Xylene	30000	4100	µg/Kg	500	4/21/2019 06:28 PM		
sec-Butylbenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Styrene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
tert-Butylbenzene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Tetrachloroethene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Toluene	12000	4100	µg/Kg	500	4/21/2019 06:28 PM		
trans-1,2-Dichloroethene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Trichloroethene	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Trichlorofluoromethane	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Vinyl chloride	ND	4100	µg/Kg	500	4/21/2019 06:28 PM		
Surr: 1,2-Dichloroethane-d4	119	70-156	%REC	500	4/21/2019 06:28 PM		
Surr: 4-Bromofluorobenzene	98.3	73-129	%REC	500	4/21/2019 06:28 PM		
Surr: Dibromofluoromethane	119	73-146	%REC	500	4/21/2019 06:28 PM		
Surr: Toluene-d8	100	80-120	%REC	500	4/21/2019 06:28 PM		

GASOLINE RANGE ORGANICS BY GC/FID
EPA 8015B

RunID:	NV00922-GC4_190422A	QC Batch:	E19VS065	PrepDate:	4/22/2019	Analyst:	QBM
GRO	460	160	mg/Kg	100	4/22/2019 10:24 PM		
Surr: Chlorobenzene - d5	66.2	47-163	%REC	100	4/22/2019 10:24 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



ASSET LABORATORIES
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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-5

Lab Order: N035205

Collection Date: 4/18/2019 9:18:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-011

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst: AW
1,1,1,2-Tetrachloroethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,1,1-Trichloroethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,1,2,2-Tetrachloroethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,1,2-Trichloroethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,1-Dichloroethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,1-Dichloroethene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,1-Dichloropropene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,2,3-Trichlorobenzene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,2,3-Trichloropropane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,2,4-Trichlorobenzene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,2,4-Trimethylbenzene	510000		31000	µg/Kg	2000	4/22/2019 05:33 PM
1,2-Dibromo-3-chloropropane		ND	16000	µg/Kg	500	4/21/2019 06:55 PM
1,2-Dibromoethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,2-Dichlorobenzene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,2-Dichloroethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,2-Dichloropropane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,3,5-Trimethylbenzene	120000		7800	µg/Kg	500	4/21/2019 06:55 PM
1,3-Dichlorobenzene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,3-Dichloropropane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
1,4-Dichlorobenzene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
2,2-Dichloropropane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
2-Butanone		ND	78000	µg/Kg	500	4/21/2019 06:55 PM
2-Chlorotoluene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
4-Chlorotoluene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
4-Isopropyltoluene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Benzene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Bromobenzene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Bromodichloromethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Bromoform		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Bromomethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Carbon tetrachloride		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Chlorobenzene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Chloroethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Chloroform		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Chloromethane		ND	7800	µg/Kg	500	4/21/2019 06:55 PM
cis-1,2-Dichloroethene		ND	7800	µg/Kg	500	4/21/2019 06:55 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-5

Lab Order: N035205

Collection Date: 4/18/2019 9:18:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-011

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: CA01638-MS10_190421A	QC Batch:	CA19VS074	PrepDate:	4/19/2019	Analyst: AW
cis-1,3-Dichloropropene	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Dibromochloromethane	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Dibromomethane	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Dichlorodifluoromethane	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Ethylbenzene	39000	7800	µg/Kg	500	4/21/2019 06:55 PM
Freon-113	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Hexachlorobutadiene	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Isopropylbenzene	8500	7800	µg/Kg	500	4/21/2019 06:55 PM
m,p-Xylene	210000	16000	µg/Kg	500	4/21/2019 06:55 PM
Methylene chloride	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
MTBE	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
n-Butylbenzene	22000	7800	µg/Kg	500	4/21/2019 06:55 PM
n-Propylbenzene	40000	7800	µg/Kg	500	4/21/2019 06:55 PM
Naphthalene	90000	7800	µg/Kg	500	4/21/2019 06:55 PM
o-Xylene	130000	7800	µg/Kg	500	4/21/2019 06:55 PM
sec-Butylbenzene	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Styrene	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
tert-Butylbenzene	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Tetrachloroethene	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Toluene	22000	7800	µg/Kg	500	4/21/2019 06:55 PM
trans-1,2-Dichloroethene	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Trichloroethene	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Trichlorofluoromethane	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Vinyl chloride	ND	7800	µg/Kg	500	4/21/2019 06:55 PM
Surr: 1,2-Dichloroethane-d4	119	70-156	%REC	500	4/21/2019 06:55 PM
Surr: 1,2-Dichloroethane-d4	110	70-156	%REC	2000	4/22/2019 05:33 PM
Surr: 4-Bromofluorobenzene	101	73-129	%REC	500	4/21/2019 06:55 PM
Surr: 4-Bromofluorobenzene	98.6	73-129	%REC	2000	4/22/2019 05:33 PM
Surr: Dibromofluoromethane	117	73-146	%REC	500	4/21/2019 06:55 PM
Surr: Dibromofluoromethane	110	73-146	%REC	2000	4/22/2019 05:33 PM
Surr: Toluene-d8	99.2	80-120	%REC	2000	4/22/2019 05:33 PM
Surr: Toluene-d8	103	80-120	%REC	500	4/21/2019 06:55 PM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM		
GRO	1800	620	mg/Kg	200	4/22/2019 06:07 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N035205
Project: 210 Slauson, 580101
Lab ID: N035205-011

Client Sample ID: SW-B-5
Collection Date: 4/18/2019 9:18:00 AM
Matrix: SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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GASOLINE RANGE ORGANICS BY GC/FID
EPA 8015B

RunID: NV00922-GC4_190422A	QC Batch: E19VS065	PrepDate: 4/22/2019	Analyst: QBM
Surr: Chlorobenzene - d5	66.7	47-163	%REC 200
			4/22/2019 06:07 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-COMP

Lab Order: N035205

Collection Date: 4/18/2019 9:24:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-012

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			EPA 8015B			
RunID: NV00922-GC10_190422B	QC Batch: 73479			PrepDate: 4/19/2019	Analyst: LLR	
DRO	33000	200		mg/Kg	20	4/22/2019 05:10 PM
ORO	35000	200		mg/Kg	20	4/22/2019 05:10 PM
Surr: p-Terphenyl	97.7	56-133		%REC	2	4/19/2019 08:18 PM
PCBS BY GC/ECD						
EPA 3546			EPA 8082			
RunID: NV00922-GC8_190419A	QC Batch: 73488			PrepDate: 4/19/2019	Analyst: MGB	
Aroclor 1016	ND	17		µg/Kg	1	4/19/2019 05:54 PM
Aroclor 1221	ND	33		µg/Kg	1	4/19/2019 05:54 PM
Aroclor 1232	ND	17		µg/Kg	1	4/19/2019 05:54 PM
Aroclor 1242	ND	17		µg/Kg	1	4/19/2019 05:54 PM
Aroclor 1248	ND	17		µg/Kg	1	4/19/2019 05:54 PM
Aroclor 1254	21	17		µg/Kg	1	4/19/2019 05:54 PM
Aroclor 1260	21	17		µg/Kg	1	4/19/2019 05:54 PM
Surr: Decachlorobiphenyl	63.2	25-120		%REC	1	4/19/2019 05:54 PM
Surr: Tetrachloro-m-xylene	69.3	21-118		%REC	1	4/19/2019 05:54 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
			EPA 7471A			
RunID: NV00922-AA1_190422A	QC Batch: 73499			PrepDate: 4/22/2019	Analyst: MG	
Mercury	ND	0.099		mg/Kg	1	4/22/2019 02:26 PM
TOTAL METALS BY ICP						
EPA 3050B			EPA 6010B			
RunID: NV00922-ICP2_190422B	QC Batch: 73474			PrepDate: 4/19/2019	Analyst: CEI	
Antimony	3.9	2.0		mg/Kg	1	4/22/2019 08:53 PM
Arsenic	12	1.0		mg/Kg	1	4/22/2019 08:53 PM
Barium	130	1.0		mg/Kg	1	4/22/2019 08:53 PM
Beryllium	ND	1.0		mg/Kg	1	4/22/2019 08:53 PM
Cadmium	ND	1.0		mg/Kg	1	4/22/2019 08:53 PM
Chromium	14	1.0		mg/Kg	1	4/22/2019 08:53 PM
Cobalt	5.8	1.0		mg/Kg	1	4/22/2019 08:53 PM
Copper	66	2.0		mg/Kg	1	4/22/2019 08:53 PM
Lead	23	1.0		mg/Kg	1	4/22/2019 08:53 PM
Molybdenum	1.4	1.0		mg/Kg	1	4/22/2019 08:53 PM
Nickel	8.7	1.0		mg/Kg	1	4/22/2019 08:53 PM
Selenium	ND	1.0		mg/Kg	1	4/22/2019 08:53 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



ASSET LABORATORIES
ANALYTICAL LABORATORIES FOR ENVIRONMENTAL MONITORING

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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 23-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: SW-B-COMP

Lab Order: N035205

Collection Date: 4/18/2019 9:24:00 AM

Project: 210 Slauson, 580101

Matrix: SOLID

Lab ID: N035205-012

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICP
EPA 3050B
EPA 6010B

RunID: NV00922-ICP2_190422B	QC Batch: 73474	PrepDate: 4/19/2019	Analyst: CEI
Silver	ND	1.0	mg/Kg
Thallium	ND	2.0	mg/Kg
Vanadium	15	1.0	mg/Kg
Zinc	580	1.0	mg/Kg

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		


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 ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

CLIENT: Bowyer Environmental Consulting, Inc.

Work Order: N035205

Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-73474	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/19/2019	RunNo: 133371						
Client ID: PBS	Batch ID: 73474	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/22/2019	SeqNo: 3358947						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	2.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS1-73474	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/19/2019	RunNo: 133371						
Client ID: LCSS	Batch ID: 73474	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/22/2019	SeqNo: 3358948						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	24.834	2.0	25.00	0	99.3	80	120				
Arsenic	25.015	1.0	25.00	0	100	80	120				
Barium	25.194	1.0	25.00	0	101	80	120				
Beryllium	25.127	1.0	25.00	0	101	80	120				
Cadmium	25.252	1.0	25.00	0	101	80	120				
Chromium	25.124	1.0	25.00	0	100	80	120				
Cobalt	24.214	1.0	25.00	0	96.9	80	120				

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: LCS1-73474	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 4/19/2019	RunNo: 133371						
Client ID: LCSS	Batch ID: 73474	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/22/2019	SeqNo: 3358948						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	25.039	2.0	25.00	0	100	80	120				
Lead	25.424	1.0	25.00	0	102	80	120				
Molybdenum	24.859	1.0	25.00	0	99.4	80	120				
Nickel	25.158	1.0	25.00	0	101	80	120				
Selenium	25.002	1.0	25.00	0	100	80	120				
Silver	25.271	1.0	25.00	0	101	80	120				
Thallium	25.504	2.0	25.00	0	102	80	120				
Vanadium	25.182	1.0	25.00	0	101	80	120				
Zinc	24.230	1.0	25.00	0	96.9	80	120				

Sample ID: N035184-001A-MS1	SampType: MS	TestCode: 6010_S		Units: mg/Kg-dry	Prep Date: 4/19/2019			RunNo: 133371			
Client ID: ZZZZZZ	Batch ID: 73474	TestNo: EPA 6010B		EPA 3050B	Analysis Date: 4/22/2019			SeqNo: 3358957			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	21.599	2.1	26.50	0	81.5	75	125				
Arsenic	25.341	1.1	26.50	3.008	84.3	75	125				
Barium	93.169	1.1	26.50	59.00	129	75	125				S
Beryllium	22.850	1.1	26.50	0	86.2	75	125				
Cadmium	22.044	1.1	26.50	0	83.2	75	125				
Chromium	25.183	1.1	26.50	2.149	86.9	75	125				
Cobalt	23.509	1.1	26.50	1.328	83.7	75	125				
Copper	25.229	2.1	26.50	2.183	87.0	75	125				
Lead	24.594	1.1	26.50	3.385	80.0	75	125				
Molybdenum	23.349	1.1	26.50	0	88.1	75	125				
Nickel	24.797	1.1	26.50	2.099	85.6	75	125				
Selenium	21.108	1.1	26.50	0	79.6	75	125				
Silver	12.658	1.1	26.50	0	47.8	75	125				S
Thallium	22.009	2.1	26.50	0.5562	80.9	75	125				
Vanadium	27.571	1.1	26.50	4.672	86.4	75	125				
Zinc	31.078	1.1	26.50	8.872	83.8	75	125				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: N035184-001A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg-dry	Prep Date: 4/19/2019	RunNo: 133371						
Client ID: ZZZZZZ	Batch ID: 73474	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 4/22/2019	SeqNo: 3358958						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	20.502	2.1	26.50	0	77.4	75	125	21.60	5.21	20	
Arsenic	25.256	1.1	26.50	3.008	83.9	75	125	25.34	0.335	20	
Barium	100.298	1.1	26.50	59.00	156	75	125	93.17	7.37	20	S
Beryllium	22.156	1.1	26.50	0	83.6	75	125	22.85	3.09	20	
Cadmium	21.269	1.1	26.50	0	80.2	75	125	22.04	3.58	20	
Chromium	25.041	1.1	26.50	2.149	86.4	75	125	25.18	0.565	20	
Cobalt	23.299	1.1	26.50	1.328	82.9	75	125	23.51	0.897	20	
Copper	25.461	2.1	26.50	2.183	87.8	75	125	25.23	0.913	20	
Lead	25.369	1.1	26.50	3.385	82.9	75	125	24.59	3.10	20	
Molybdenum	22.607	1.1	26.50	0	85.3	75	125	23.35	3.23	20	
Nickel	24.895	1.1	26.50	2.099	86.0	75	125	24.80	0.391	20	
Selenium	20.711	1.1	26.50	0	78.1	75	125	21.11	1.90	20	
Silver	12.433	1.1	26.50	0	46.9	75	125	12.66	1.79	20	S
Thallium	20.921	2.1	26.50	0.5562	76.8	75	125	22.01	5.07	20	
Vanadium	28.716	1.1	26.50	4.672	90.7	75	125	27.57	4.07	20	
Zinc	33.763	1.1	26.50	8.872	93.9	75	125	31.08	8.28	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-73499	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2019	RunNo: 133363						
Client ID: PBS	Batch ID: 73499	TestNo: EPA 7471A	Analysis Date: 4/22/2019	SeqNo: 3358351							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Sample ID: LCS-73499	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2019	RunNo: 133363						
Client ID: LCSS	Batch ID: 73499	TestNo: EPA 7471A	Analysis Date: 4/22/2019	SeqNo: 3358352							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.456	0.10	0.4167	0	110	80	120				

Sample ID: N035184-001A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2019	RunNo: 133363						
Client ID: ZZZZZZ	Batch ID: 73499	TestNo: EPA 7471A	Analysis Date: 4/22/2019	SeqNo: 3358353							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.425	0.099	0.4139	0	103	75	125				

Sample ID: N035184-001A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 4/22/2019	RunNo: 133363						
Client ID: ZZZZZZ	Batch ID: 73499	TestNo: EPA 7471A	Analysis Date: 4/22/2019	SeqNo: 3358354							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.443	0.099	0.4139	0	107	75	125	0.4250	4.26	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: MB-73479	SampType: MBLK	TestCode: 8015_S_DM H		Units: mg/Kg	Prep Date: 4/19/2019			RunNo: 133318			
Client ID: PBS	Batch ID: 73479	TestNo: EPA 8015B		EPA 3550B	Analysis Date: 4/19/2019			SeqNo: 3356007			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	6.011	10									
ORO	8.592	10									
Surr: p-Terphenyl	68.530		80.00		85.7	56	133				

Sample ID: LCS-73479	SampType: LCS	TestCode: 8015_S_DM H		Units: mg/Kg	Prep Date: 4/19/2019			RunNo: 133318			
Client ID: LCSS	Batch ID: 73479	TestNo: EPA 8015B		EPA 3550B	Analysis Date: 4/19/2019			SeqNo: 3356008			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	849.020	10	1000	0	84.9	69	123				
Surr: p-Terphenyl	72.119		80.00		90.1	56	133				

Sample ID: N035203-001A-MS	SampType: MS	TestCode: 8015_S_DM H		Units: mg/Kg	Prep Date: 4/19/2019			RunNo: 133319			
Client ID: ZZZZZZ	Batch ID: 73479	TestNo: EPA 8015B		EPA 3550B	Analysis Date: 4/19/2019			SeqNo: 3356010			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	996.822	10	1004	26.28	96.7	46	142				
Surr: p-Terphenyl	67.825		80.32		84.4	56	133				

Sample ID: N035203-001A-MSD	SampType: MSD	TestCode: 8015_S_DM H		Units: mg/Kg	Prep Date: 4/19/2019			RunNo: 133319			
Client ID: ZZZZZZ	Batch ID: 73479	TestNo: EPA 8015B		EPA 3550B	Analysis Date: 4/19/2019			SeqNo: 3356011			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1101.639	10	997.0	26.28	108	46	142	996.8	9.99	20	
Surr: p-Terphenyl	72.281		79.76		90.6	56	133		0		

Sample ID: N035210-001B-MS	SampType: MS	TestCode: 8015_S_DM H		Units: mg/Kg	Prep Date: 4/19/2019			RunNo: 133319			
Client ID: ZZZZZZ	Batch ID: 73479	TestNo: EPA 8015B		EPA 3550B	Analysis Date: 4/19/2019			SeqNo: 3356748			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO											
Surr: p-Terphenyl											

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: N035210-001B-MS	SampType: MS	TestCode: 8015_S_DM H Units: mg/Kg				Prep Date: 4/19/2019			RunNo: 133319		
Client ID: ZZZZZZ	Batch ID: 73479	TestNo: EPA 8015B EPA 3550B				Analysis Date: 4/19/2019			SeqNo: 3356748		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	2224.143	10	1006	928.7	129	46	142				
Surr: p-Terphenyl	67.761		80.48		84.2	56	133				

Sample ID: N035210-001B-MSD	SampType: MSD	TestCode: 8015_S_DM H Units: mg/Kg				Prep Date: 4/19/2019			RunNo: 133319		
Client ID: ZZZZZZ	Batch ID: 73479	TestNo: EPA 8015B		EPA 3550B		Analysis Date: 4/19/2019			SeqNo: 3356749		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1681.743	9.9	992.1	928.7	75.9	46	142	2224	27.8	20	R
Surr: p-Terphenyl	67.437		79.37		85.0	56	133		0		

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values



ASSET LABORATORIES

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CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: E190422LCS	SampType: LCS	TestCode: 8015GAS_503	Units: mg/Kg	Prep Date:	RunNo: 133370						
Client ID: LCSS	Batch ID: E19VS065	TestNo: EPA 8015B		Analysis Date: 4/22/2019	SeqNo: 3358850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.354	1.0	5.000	0	87.1	72	136				
Surr: Chlorobenzene - d5	85.685		100.0		85.7	47	163				

Sample ID: E190422LCSD	SampType: LCSD	TestCode: 8015GAS_503	Units: mg/Kg	Prep Date:	RunNo: 133370						
Client ID: LCSS02	Batch ID: E19VS065	TestNo: EPA 8015B		Analysis Date: 4/22/2019	SeqNo: 3358851						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	4.206	1.0	5.000	0	84.1	72	136	4.354	3.46	20	
Surr: Chlorobenzene - d5	77.733		100.0		77.7	47	163		0		

Sample ID: E190422MB1	SampType: MBLK	TestCode: 8015GAS_503	Units: mg/Kg	Prep Date:	RunNo: 133370						
Client ID: PBS	Batch ID: E19VS065	TestNo: EPA 8015B		Analysis Date: 4/22/2019	SeqNo: 3358852						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	1.0									
Surr: Chlorobenzene - d5	103.947		100.0		104	47	163				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out				

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082SOIL_M

Sample ID: LCS-73488	SampType: LCS	TestCode: 8082SOIL_M	Units: µg/Kg	Prep Date: 4/19/2019	RunNo: 133320						
Client ID: LCSS	Batch ID: 73488	TestNo: EPA 8082	EPA 3546	Analysis Date: 4/19/2019	SeqNo: 3356014						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	181.877	16	166.7	0	109	51	111				
Aroclor 1260	172.268	16	166.7	0	103	51	116				
Surr: Decachlorobiphenyl	17.191		16.67		103	25	120				
Surr: Tetrachloro-m-xylene	16.724		16.67		100	21	118				

Sample ID: MB-73488	SampType: MBLK	TestCode: 8082SOIL_M	Units: µg/Kg	Prep Date: 4/19/2019	RunNo: 133320						
Client ID: PBS	Batch ID: 73488	TestNo: EPA 8082	EPA 3546	Analysis Date: 4/19/2019	SeqNo: 3356426						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Surr: Decachlorobiphenyl	15.779		16.67		94.7	25	120				
Surr: Tetrachloro-m-xylene	15.760		16.67		94.5	21	118				

Sample ID: N035205-006A-MS	SampType: MS	TestCode: 8082SOIL_M	Units: µg/Kg	Prep Date: 4/19/2019	RunNo: 133320						
Client ID: ZZZZZZ	Batch ID: 73488	TestNo: EPA 8082	EPA 3546	Analysis Date: 4/19/2019	SeqNo: 3357417						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	21.773	16	165.9	0	13.1	31	113				S
Aroclor 1260	50.025	16	165.9	21.06	17.5	31	105				S
Surr: Decachlorobiphenyl	8.100		16.59		48.8	25	120				
Surr: Tetrachloro-m-xylene	6.626		16.59		39.9	21	118				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | | | |

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082SOIL_M

Sample ID: N035205-006A-MSD	SampType: MSD	TestCode: 8082SOIL_M	Units: µg/Kg	Prep Date: 4/19/2019	RunNo: 133320						
Client ID: ZZZZZZ	Batch ID: 73488	TestNo: EPA 8082	EPA 3546	Analysis Date: 4/19/2019	SeqNo: 3357418						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	31.814	16	166.7	0	19.1	31	113	21.77	37.5	20	SR
Aroclor 1260	78.107	16	166.7	21.06	34.2	31	105	50.02	43.8	20	R
Surr: Decachlorobiphenyl	10.628		16.67		63.8	25	120		0		
Surr: Tetrachloro-m-xylene	9.036		16.67		54.2	21	118		0		

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values



ASSET LABORATORIES

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DRELAP/RELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190421-LCS	SampType: LCS	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: LCSS	Batch ID: CA19VS074	TestNo: EPA 8260B		Analysis Date: 4/21/2019	SeqNo: 3358249						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.110	5.0	40.00	0	113	78	127				
1,1,1-Trichloroethane	43.740	5.0	40.00	0	109	75	128				
1,1,2,2-Tetrachloroethane	44.750	5.0	40.00	0	112	78	126				
1,1,2-Trichloroethane	44.730	5.0	40.00	0	112	80	120				
1,1-Dichloroethane	41.440	5.0	40.00	0	104	65	136				
1,1-Dichloroethene	43.590	5.0	40.00	0	109	66	134				
1,1-Dichloropropene	40.180	5.0	40.00	0	100	79	128				
1,2,3-Trichlorobenzene	42.220	5.0	40.00	0	106	80	120				
1,2,3-Trichloropropane	49.050	5.0	40.00	0	123	79	123				
1,2,4-Trichlorobenzene	41.330	5.0	40.00	0	103	74	121				
1,2,4-Trimethylbenzene	41.360	5.0	40.00	0	103	79	128				
1,2-Dibromo-3-chloropropane	46.530	10	40.00	0	116	65	131				
1,2-Dibromoethane	43.090	5.0	40.00	0	108	79	124				
1,2-Dichlorobenzene	42.670	5.0	40.00	0	107	80	120				
1,2-Dichloroethane	44.320	5.0	40.00	0	111	80	120				
1,2-Dichloropropane	41.250	5.0	40.00	0	103	80	120				
1,3,5-Trimethylbenzene	41.150	5.0	40.00	0	103	76	129				
1,3-Dichlorobenzene	44.670	5.0	40.00	0	112	80	120				
1,3-Dichloropropane	41.090	5.0	40.00	0	103	80	120				
1,4-Dichlorobenzene	43.780	5.0	40.00	0	109	80	120				
2,2-Dichloropropane	44.260	5.0	40.00	0	111	66	136				
2-Butanone	455.130	50	400.0	0	114	54	145				
2-Chlorotoluene	40.440	5.0	40.00	0	101	78	124				
4-Chlorotoluene	40.550	5.0	40.00	0	101	79	125				
4-Isopropyltoluene	40.100	5.0	40.00	0	100	75	130				
Benzene	44.680	5.0	40.00	0	112	80	120				
Bromobenzene	46.690	5.0	40.00	0	117	80	120				
Bromodichloromethane	44.460	5.0	40.00	0	111	80	127				
Bromoform	51.060	5.0	40.00	0	128	67	136				
Bromomethane	63.470	5.0	40.00	0	159	45	148				S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT


TestCode: 8260SOIL5035

Sample ID: CA190421-LCS	SampType: LCS	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: LCSS	Batch ID: CA19VS074	TestNo: EPA 8260B	Analysis Date: 4/21/2019	SeqNo: 3358249							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	47.630	5.0	40.00	0	119	75	137				
Chlorobenzene	42.600	5.0	40.00	0	106	80	120				
Chloroethane	50.300	5.0	40.00	0	126	64	145				
Chloroform	44.790	5.0	40.00	0	112	75	120				
Chloromethane	51.260	5.0	40.00	0	128	58	139				
cis-1,2-Dichloroethene	42.080	5.0	40.00	0	105	76	120				
cis-1,3-Dichloropropene	41.090	5.0	40.00	0	103	77	128				
Dibromochloromethane	44.150	5.0	40.00	0	110	79	124				
Dibromomethane	45.220	5.0	40.00	0	113	80	120				
Dichlorodifluoromethane	47.040	5.0	40.00	0	118	64	137				
Ethylbenzene	40.100	5.0	40.00	0	100	79	120				
Freon-113	45.200	5.0	40.00	0	113	58	141				
Hexachlorobutadiene	40.780	5.0	40.00	0	102	72	126				
Isopropylbenzene	40.170	5.0	40.00	0	100	62	130				
m,p-Xylene	80.600	10	80.00	0	101	80	124				
Methylene chloride	37.040	5.0	40.00	0	92.6	65	136				
MTBE	35.270	5.0	40.00	0	88.2	65	130				
n-Butylbenzene	40.080	5.0	40.00	0	100	76	133				
n-Propylbenzene	41.530	5.0	40.00	0	104	76	131				
Naphthalene	38.410	5.0	40.00	0	96.0	58	127				
o-Xylene	38.310	5.0	40.00	0	95.8	75	121				
sec-Butylbenzene	40.390	5.0	40.00	0	101	76	133				
Styrene	40.830	5.0	40.00	0	102	80	120				
tert-Butylbenzene	39.650	5.0	40.00	0	99.1	73	130				
Tetrachloroethene	43.700	5.0	40.00	0	109	77	124				
Toluene	42.410	5.0	40.00	0	106	79	120				
trans-1,2-Dichloroethene	43.210	5.0	40.00	0	108	72	129				
Trichloroethene	45.290	5.0	40.00	0	113	80	120				
Trichlorofluoromethane	47.910	5.0	40.00	0	120	66	146				
Vinyl chloride	42.780	5.0	40.00	0	107	68	141				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values


ASSET LABORATORIES
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ELAP Cert 2676 | NV Cert: NV06922
DRELAP/RELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190421-LCS	SampType: LCS	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: LCSS	Batch ID: CA19VS074	TestNo: EPA 8260B		Analysis Date: 4/21/2019	SeqNo: 3358249						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	48.670		50.00		97.3	70	156				
Surr: 4-Bromofluorobenzene	46.810		50.00		93.6	73	129				
Surr: Dibromofluoromethane	50.920		50.00		102	73	146				
Surr: Toluene-d8	48.980		50.00		98.0	80	120				

Sample ID: CA190421-LCSD	SampType: LCSD	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: LCSS02	Batch ID: CA19VS074	TestNo: EPA 8260B		Analysis Date: 4/21/2019	SeqNo: 3358250						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.210	5.0	40.00	0	118	78	127	45.11	4.55	20	
1,1,1-Trichloroethane	47.470	5.0	40.00	0	119	75	128	43.74	8.18	20	
1,1,2,2-Tetrachloroethane	43.690	5.0	40.00	0	109	78	126	44.75	2.40	20	
1,1,2-Trichloroethane	47.820	5.0	40.00	0	120	80	120	44.73	6.68	20	
1,1-Dichloroethane	45.900	5.0	40.00	0	115	65	136	41.44	10.2	20	
1,1-Dichloroethene	48.010	5.0	40.00	0	120	66	134	43.59	9.65	20	
1,1-Dichloropropene	42.310	5.0	40.00	0	106	79	128	40.18	5.16	20	
1,2,3-Trichlorobenzene	41.370	5.0	40.00	0	103	80	120	42.22	2.03	20	
1,2,3-Trichloropropane	41.030	5.0	40.00	0	103	79	123	49.05	17.8	20	
1,2,4-Trichlorobenzene	41.450	5.0	40.00	0	104	74	121	41.33	0.290	20	
1,2,4-Trimethylbenzene	42.880	5.0	40.00	0	107	79	128	41.36	3.61	20	
1,2-Dibromo-3-chloropropane	40.520	10	40.00	0	101	65	131	46.53	13.8	20	
1,2-Dibromoethane	45.020	5.0	40.00	0	113	79	124	43.09	4.38	20	
1,2-Dichlorobenzene	43.750	5.0	40.00	0	109	80	120	42.67	2.50	20	
1,2-Dichloroethane	46.500	5.0	40.00	0	116	80	120	44.32	4.80	20	
1,2-Dichloropropane	39.650	5.0	40.00	0	99.1	80	120	41.25	3.96	20	
1,3,5-Trimethylbenzene	42.260	5.0	40.00	0	106	76	129	41.15	2.66	20	
1,3-Dichlorobenzene	44.520	5.0	40.00	0	111	80	120	44.67	0.336	20	
1,3-Dichloropropane	43.320	5.0	40.00	0	108	80	120	41.09	5.28	20	
1,4-Dichlorobenzene	44.960	5.0	40.00	0	112	80	120	43.78	2.66	20	
2,2-Dichloropropane	46.400	5.0	40.00	0	116	66	136	44.26	4.72	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190421-LCSD	SampType: LCSD	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: LCSS02	Batch ID: CA19VS074	TestNo: EPA 8260B	Analysis Date: 4/21/2019	SeqNo: 3358250							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	439.770	50	400.0	0	110	54	145	455.1	3.43	20	
2-Chlorotoluene	41.180	5.0	40.00	0	103	78	124	40.44	1.81	20	
4-Chlorotoluene	40.990	5.0	40.00	0	102	79	125	40.55	1.08	20	
4-Isopropyltoluene	42.910	5.0	40.00	0	107	75	130	40.10	6.77	20	
Benzene	46.790	5.0	40.00	0	117	80	120	44.68	4.61	20	
Bromobenzene	45.220	5.0	40.00	0	113	80	120	46.69	3.20	20	
Bromodichloromethane	44.590	5.0	40.00	0	111	80	127	44.46	0.292	20	
Bromoform	50.000	5.0	40.00	0	125	67	136	51.06	2.10	20	
Bromomethane	74.730	5.0	40.00	0	187	45	148	63.47	16.3	20	S
Carbon tetrachloride	49.780	5.0	40.00	0	124	75	137	47.63	4.41	20	
Chlorobenzene	44.070	5.0	40.00	0	110	80	120	42.60	3.39	20	
Chloroethane	51.500	5.0	40.00	0	129	64	145	50.30	2.36	20	
Chloroform	47.610	5.0	40.00	0	119	75	120	44.79	6.10	20	
Chloromethane	53.710	5.0	40.00	0	134	58	139	51.26	4.67	20	
cis-1,2-Dichloroethene	44.530	5.0	40.00	0	111	76	120	42.08	5.66	20	
cis-1,3-Dichloropropene	40.160	5.0	40.00	0	100	77	128	41.09	2.29	20	
Dibromochloromethane	44.920	5.0	40.00	0	112	79	124	44.15	1.73	20	
Dibromomethane	47.140	5.0	40.00	0	118	80	120	45.22	4.16	20	
Dichlorodifluoromethane	51.030	5.0	40.00	0	128	64	137	47.04	8.14	20	
Ethylbenzene	43.030	5.0	40.00	0	108	79	120	40.10	7.05	20	
Freon-113	49.820	5.0	40.00	0	125	58	141	45.20	9.72	20	
Hexachlorobutadiene	44.090	5.0	40.00	0	110	72	126	40.78	7.80	20	
Isopropylbenzene	40.700	5.0	40.00	0	102	62	130	40.17	1.31	20	
m,p-Xylene	86.170	10	80.00	0	108	80	124	80.60	6.68	20	
Methylene chloride	41.670	5.0	40.00	0	104	65	136	37.04	11.8	20	
MTBE	37.850	5.0	40.00	0	94.6	65	130	35.27	7.06	20	
n-Butylbenzene	42.860	5.0	40.00	0	107	76	133	40.08	6.70	20	
n-Propylbenzene	42.800	5.0	40.00	0	107	76	131	41.53	3.01	20	
Naphthalene	37.990	5.0	40.00	0	95.0	58	127	38.41	1.10	20	
o-Xylene	40.050	5.0	40.00	0	100	75	121	38.31	4.44	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190421-LCSD	SampType: LCSD	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: LCSS02	Batch ID: CA19VS074	TestNo: EPA 8260B		Analysis Date: 4/21/2019	SeqNo: 3358250						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	41.280	5.0	40.00	0	103	76	133	40.39	2.18	20	
Styrene	43.520	5.0	40.00	0	109	80	120	40.83	6.38	20	
tert-Butylbenzene	40.310	5.0	40.00	0	101	73	130	39.65	1.65	20	
Tetrachloroethene	46.920	5.0	40.00	0	117	77	124	43.70	7.11	20	
Toluene	43.530	5.0	40.00	0	109	79	120	42.41	2.61	20	
trans-1,2-Dichloroethene	47.700	5.0	40.00	0	119	72	129	43.21	9.88	20	
Trichloroethene	48.660	5.0	40.00	0	122	80	120	45.29	7.17	20	S
Trichlorofluoromethane	54.720	5.0	40.00	0	137	66	146	47.91	13.3	20	
Vinyl chloride	49.170	5.0	40.00	0	123	68	141	42.78	13.9	20	
Surr: 1,2-Dichloroethane-d4	53.040		50.00		106	70	156		0		
Surr: 4-Bromofluorobenzene	48.000		50.00		96.0	73	129		0		
Surr: Dibromofluoromethane	55.700		50.00		111	73	146		0		
Surr: Toluene-d8	49.360		50.00		98.7	80	120		0		

Sample ID: CA190421-MB3	SampType: MBLK	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: PBS	Batch ID: CA19VS074	TestNo: EPA 8260B		Analysis Date: 4/21/2019	SeqNo: 3358251						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190421-MB3	SampType: MBLK	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: PBS	Batch ID: CA19VS074	TestNo: EPA 8260B		Analysis Date: 4/21/2019	SeqNo: 3358251						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values



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ELAP Cert 2676 | NV Cert NV00922
DRELAP/RELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190421-MB3	SampType: MBLK	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133357						
Client ID: PBS	Batch ID: CA19VS074	TestNo: EPA 8260B	Analysis Date: 4/21/2019	SeqNo: 3358251							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	0.800	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	54.360		50.00		109	70	156				
Surr: 4-Bromofluorobenzene	43.810		50.00		87.6	73	129				
Surr: Dibromofluoromethane	57.670		50.00		115	73	146				
Surr: Toluene-d8	49.910		50.00		99.8	80	120				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190422-LCS	SampType: LCS	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: LCSS	Batch ID: CA19VS075	TestNo: EPA 8260B	Analysis Date: 4/22/2019	SeqNo: 3360364							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.980	5.0	40.00	0	102	78	127				
1,1,1-Trichloroethane	40.190	5.0	40.00	0	100	75	128				
1,1,2,2-Tetrachloroethane	37.380	5.0	40.00	0	93.5	78	126				
1,1,2-Trichloroethane	38.040	5.0	40.00	0	95.1	80	120				
1,1-Dichloroethane	38.260	5.0	40.00	0	95.7	65	136				
1,1-Dichloroethene	42.240	5.0	40.00	0	106	66	134				
1,1-Dichloropropene	38.030	5.0	40.00	0	95.1	79	128				
1,2,3-Trichlorobenzene	36.490	5.0	40.00	0	91.2	80	120				
1,2,3-Trichloropropane	38.700	5.0	40.00	0	96.8	79	123				
1,2,4-Trichlorobenzene	37.160	5.0	40.00	0	92.9	74	121				
1,2,4-Trimethylbenzene	38.260	5.0	40.00	0	95.7	79	128				
1,2-Dibromo-3-chloropropane	38.120	10	40.00	0	95.3	65	131				
1,2-Dibromoethane	40.470	5.0	40.00	0	101	79	124				
1,2-Dichlorobenzene	38.150	5.0	40.00	0	95.4	80	120				
1,2-Dichloroethane	38.220	5.0	40.00	0	95.6	80	120				
1,2-Dichloropropane	38.260	5.0	40.00	0	95.7	80	120				
1,3,5-Trimethylbenzene	37.610	5.0	40.00	0	94.0	76	129				
1,3-Dichlorobenzene	39.010	5.0	40.00	0	97.5	80	120				
1,3-Dichloropropane	37.420	5.0	40.00	0	93.6	80	120				
1,4-Dichlorobenzene	40.010	5.0	40.00	0	100	80	120				
2,2-Dichloropropane	41.730	5.0	40.00	0	104	66	136				
2-Butanone	370.020	50	400.0	0	92.5	54	145				
2-Chlorotoluene	36.190	5.0	40.00	0	90.5	78	124				
4-Chlorotoluene	38.150	5.0	40.00	0	95.4	79	125				
4-Isopropyltoluene	38.550	5.0	40.00	0	96.4	75	130				
Benzene	41.490	5.0	40.00	0	104	80	120				
Bromobenzene	40.380	5.0	40.00	0	101	80	120				
Bromodichloromethane	41.520	5.0	40.00	0	104	80	127				
Bromoform	41.500	5.0	40.00	0	104	67	136				
Bromomethane	60.610	5.0	40.00	0	152	45	148				S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190422-LCS	SampType: LCS	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: LCSS	Batch ID: CA19VS075	TestNo: EPA 8260B		Analysis Date: 4/22/2019	SeqNo: 3360364						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	44.450	5.0	40.00	0	111	75	137				
Chlorobenzene	38.100	5.0	40.00	0	95.2	80	120				
Chloroethane	44.360	5.0	40.00	0	111	64	145				
Chloroform	39.430	5.0	40.00	0	98.6	75	120				
Chloromethane	45.010	5.0	40.00	0	113	58	139				
cis-1,2-Dichloroethene	37.910	5.0	40.00	0	94.8	76	120				
cis-1,3-Dichloropropene	37.050	5.0	40.00	0	92.6	77	128				
Dibromochloromethane	38.640	5.0	40.00	0	96.6	79	124				
Dibromomethane	42.710	5.0	40.00	0	107	80	120				
Dichlorodifluoromethane	42.330	5.0	40.00	0	106	64	137				
Ethylbenzene	37.970	5.0	40.00	0	94.9	79	120				
Freon-113	43.670	5.0	40.00	0	109	58	141				
Hexachlorobutadiene	38.270	5.0	40.00	0	95.7	72	126				
Isopropylbenzene	38.320	5.0	40.00	0	95.8	62	130				
m,p-Xylene	75.700	10	80.00	0	94.6	80	124				
Methylene chloride	38.240	5.0	40.00	0	95.6	65	136				
MTBE	31.310	5.0	40.00	0	78.3	65	130				
n-Butylbenzene	38.050	5.0	40.00	0	95.1	76	133				
n-Propylbenzene	38.320	5.0	40.00	0	95.8	76	131				
Naphthalene	32.810	5.0	40.00	0	82.0	58	127				
o-Xylene	36.340	5.0	40.00	0	90.9	75	121				
sec-Butylbenzene	37.630	5.0	40.00	0	94.1	76	133				
Styrene	37.130	5.0	40.00	0	92.8	80	120				
tert-Butylbenzene	38.390	5.0	40.00	0	96.0	73	130				
Tetrachloroethene	41.750	5.0	40.00	0	104	77	124				
Toluene	38.210	5.0	40.00	0	95.5	79	120				
trans-1,2-Dichloroethene	39.140	5.0	40.00	0	97.9	72	129				
Trichloroethene	42.270	5.0	40.00	0	106	80	120				
Trichlorofluoromethane	45.400	5.0	40.00	0	114	66	146				
Vinyl chloride	43.050	5.0	40.00	0	108	68	141				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190422-LCS	SampType: LCS	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: LCSS	Batch ID: CA19VS075	TestNo: EPA 8260B		Analysis Date: 4/22/2019	SeqNo: 3360364						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	46.870		50.00		93.7	70	156				
Surr: 4-Bromofluorobenzene	45.330		50.00		90.7	73	129				
Surr: Dibromofluoromethane	51.530		50.00		103	73	146				
Surr: Toluene-d8	49.850		50.00		99.7	80	120				

Sample ID: CA190422-LCSD	SampType: LCSD	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: LCSS02	Batch ID: CA19VS075	TestNo: EPA 8260B		Analysis Date: 4/22/2019	SeqNo: 3360365						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	39.530	5.0	40.00	0	98.8	78	127	40.98	3.60	20	
1,1,1-Trichloroethane	40.770	5.0	40.00	0	102	75	128	40.19	1.43	20	
1,1,2,2-Tetrachloroethane	37.080	5.0	40.00	0	92.7	78	126	37.38	0.806	20	
1,1,2-Trichloroethane	42.910	5.0	40.00	0	107	80	120	38.04	12.0	20	
1,1-Dichloroethane	38.690	5.0	40.00	0	96.7	65	136	38.26	1.12	20	
1,1-Dichloroethene	40.810	5.0	40.00	0	102	66	134	42.24	3.44	20	
1,1-Dichloropropene	37.970	5.0	40.00	0	94.9	79	128	38.03	0.158	20	
1,2,3-Trichlorobenzene	37.060	5.0	40.00	0	92.6	80	120	36.49	1.55	20	
1,2,3-Trichloropropane	42.550	5.0	40.00	0	106	79	123	38.70	9.48	20	
1,2,4-Trichlorobenzene	35.990	5.0	40.00	0	90.0	74	121	37.16	3.20	20	
1,2,4-Trimethylbenzene	36.930	5.0	40.00	0	92.3	79	128	38.26	3.54	20	
1,2-Dibromo-3-chloropropane	38.690	10	40.00	0	96.7	65	131	38.12	1.48	20	
1,2-Dibromoethane	41.850	5.0	40.00	0	105	79	124	40.47	3.35	20	
1,2-Dichlorobenzene	36.720	5.0	40.00	0	91.8	80	120	38.15	3.82	20	
1,2-Dichloroethane	41.290	5.0	40.00	0	103	80	120	38.22	7.72	20	
1,2-Dichloropropane	38.820	5.0	40.00	0	97.0	80	120	38.26	1.45	20	
1,3,5-Trimethylbenzene	35.700	5.0	40.00	0	89.2	76	129	37.61	5.21	20	
1,3-Dichlorobenzene	37.540	5.0	40.00	0	93.8	80	120	39.01	3.84	20	
1,3-Dichloropropane	38.280	5.0	40.00	0	95.7	80	120	37.42	2.27	20	
1,4-Dichlorobenzene	38.120	5.0	40.00	0	95.3	80	120	40.01	4.84	20	
2,2-Dichloropropane	40.540	5.0	40.00	0	101	66	136	41.73	2.89	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190422-LCSD	SampType: LCSD	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: LCSS02	Batch ID: CA19VS075	TestNo: EPA 8260B	Analysis Date: 4/22/2019	SeqNo: 3360365							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	424.300	50	400.0	0	106	54	145	370.0	13.7	20	
2-Chlorotoluene	35.230	5.0	40.00	0	88.1	78	124	36.19	2.69	20	
4-Chlorotoluene	35.410	5.0	40.00	0	88.5	79	125	38.15	7.45	20	
4-Isopropyltoluene	35.600	5.0	40.00	0	89.0	75	130	38.55	7.96	20	
Benzene	40.460	5.0	40.00	0	101	80	120	41.49	2.51	20	
Bromobenzene	39.750	5.0	40.00	0	99.4	80	120	40.38	1.57	20	
Bromodichloromethane	39.850	5.0	40.00	0	99.6	80	127	41.52	4.10	20	
Bromoform	45.390	5.0	40.00	0	113	67	136	41.50	8.95	20	
Bromomethane	59.930	5.0	40.00	0	150	45	148	60.61	1.13	20	S
Carbon tetrachloride	42.940	5.0	40.00	0	107	75	137	44.45	3.46	20	
Chlorobenzene	39.060	5.0	40.00	0	97.6	80	120	38.10	2.49	20	
Chloroethane	47.170	5.0	40.00	0	118	64	145	44.36	6.14	20	
Chloroform	39.780	5.0	40.00	0	99.4	75	120	39.43	0.884	20	
Chloromethane	43.210	5.0	40.00	0	108	58	139	45.01	4.08	20	
cis-1,2-Dichloroethene	37.320	5.0	40.00	0	93.3	76	120	37.91	1.57	20	
cis-1,3-Dichloropropene	38.380	5.0	40.00	0	96.0	77	128	37.05	3.53	20	
Dibromochloromethane	38.370	5.0	40.00	0	95.9	79	124	38.64	0.701	20	
Dibromomethane	40.750	5.0	40.00	0	102	80	120	42.71	4.70	20	
Dichlorodifluoromethane	42.370	5.0	40.00	0	106	64	137	42.33	0.0945	20	
Ethylbenzene	37.540	5.0	40.00	0	93.8	79	120	37.97	1.14	20	
Freon-113	43.780	5.0	40.00	0	109	58	141	43.67	0.252	20	
Hexachlorobutadiene	37.270	5.0	40.00	0	93.2	72	126	38.27	2.65	20	
Isopropylbenzene	36.890	5.0	40.00	0	92.2	62	130	38.32	3.80	20	
m,p-Xylene	73.820	10	80.00	0	92.3	80	124	75.70	2.51	20	
Methylene chloride	37.130	5.0	40.00	0	92.8	65	136	38.24	2.95	20	
MTBE	33.960	5.0	40.00	0	84.9	65	130	31.31	8.12	20	
n-Butylbenzene	35.490	5.0	40.00	0	88.7	76	133	38.05	6.96	20	
n-Propylbenzene	36.330	5.0	40.00	0	90.8	76	131	38.32	5.33	20	
Naphthalene	35.830	5.0	40.00	0	89.6	58	127	32.81	8.80	20	
o-Xylene	34.370	5.0	40.00	0	85.9	75	121	36.34	5.57	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190422-LCSD	SampType: LCSD	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: LCSS02	Batch ID: CA19VS075	TestNo: EPA 8260B		Analysis Date: 4/22/2019	SeqNo: 3360365						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	35.520	5.0	40.00	0	88.8	76	133	37.63	5.77	20	
Styrene	37.020	5.0	40.00	0	92.6	80	120	37.13	0.297	20	
tert-Butylbenzene	35.930	5.0	40.00	0	89.8	73	130	38.39	6.62	20	
Tetrachloroethene	40.150	5.0	40.00	0	100	77	124	41.75	3.91	20	
Toluene	37.910	5.0	40.00	0	94.8	79	120	38.21	0.788	20	
trans-1,2-Dichloroethene	39.730	5.0	40.00	0	99.3	72	129	39.14	1.50	20	
Trichloroethene	40.560	5.0	40.00	0	101	80	120	42.27	4.13	20	
Trichlorofluoromethane	44.990	5.0	40.00	0	112	66	146	45.40	0.907	20	
Vinyl chloride	41.030	5.0	40.00	0	103	68	141	43.05	4.80	20	
Surr: 1,2-Dichloroethane-d4	50.430		50.00		101	70	156		0		
Surr: 4-Bromofluorobenzene	46.250		50.00		92.5	73	129		0		
Surr: Dibromofluoromethane	52.240		50.00		104	73	146		0		
Surr: Toluene-d8	48.990		50.00		98.0	80	120		0		

Sample ID: CA190422-MB1	SampType: MBLK	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: PBS	Batch ID: CA19VS075	TestNo: EPA 8260B	Analysis Date: 4/22/2019	SeqNo: 3360366							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190422-MB1	SampType: MBLK	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: PBS	Batch ID: CA19VS075	TestNo: EPA 8260B		Analysis Date: 4/22/2019	SeqNo: 3360366						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035205
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: CA190422-MB1	SampType: MBLK	TestCode: 8260SOIL503	Units: µg/Kg	Prep Date:	RunNo: 133377						
Client ID: PBS	Batch ID: CA19VS075	TestNo: EPA 8260B	Analysis Date: 4/22/2019	SeqNo: 3360366							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	52.990		50.00		106	70	156				
Surr: 4-Bromofluorobenzene	43.890		50.00		87.8	73	129				
Surr: Dibromofluoromethane	52.300		50.00		105	73	146				
Surr: Toluene-d8	48.590		50.00		97.2	80	120				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | Calculations are based on raw values | | |



ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

BOWEN01
FOLDER

C: 4/23/2019 12:00 AM

R: 4/18/2019

N035205-013A

1 of 1

Page 1 of 1



Client: BEC		Report to: ALAN + MATT		Bill to: BEC	
Address: 17011 BEACH BLVD		Company: BEC		Address:	
Address: HUNTINGTON BEACH, CA		Email: alanmalagon@bowyerenvironmental.com			
Phone: (833) 232-4620		Address:		Email to:	
Submitted By: ALAN MALAGON		Phone:		PO#:	
Title:		Fax:		Global ID:	
Signature: <i>[Signature]</i>		Date: 04/18/2019		Sampler's Signature and Date: <i>[Signature]</i> 04/18/2019	
Project Name: 210 SLAUSON		Project Number: 580101		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.	
Matrix:		Analyses Requested:			
Ground <input type="checkbox"/> Sediment <input type="checkbox"/>		Excel EDD <input checked="" type="checkbox"/> RTNE <input type="checkbox"/>			
Potable <input type="checkbox"/> Soil <input type="checkbox"/>		Geotracker <input type="checkbox"/> RWQCB <input type="checkbox"/>			
NPDES <input type="checkbox"/> Other Solid <input type="checkbox"/>		Labspec <input type="checkbox"/> CellTrans <input type="checkbox"/>			
Surface <input type="checkbox"/>		Others <input type="checkbox"/> Level III <input type="checkbox"/>			
		Specify: LEVEL IV			
		Regulatory <input type="checkbox"/>			
		Specify State:			
		Sample Temp: 4.9°C			
		Courier:			
		Tracking No.:			

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	Remarks
1	N035205-01	SW-D-1	4/18	734		X	X X	36 V
2	-02	SW-D-2		742			X X	
3	-03	SW-D-3		750			X X	
4	-04	SW-D-4		805			X X	
5	-05	SW-D-5		818			X X	
6	-06	SW-D-COMP		830			X X X	2 G for Ring
7	-07	SW-B-1		915			X X	5 V
8	-08	SW-B-2		909			X X	
9	-09	SW-B-3		903			X X	
10	-10	SW-B-4	V	857			X X	

Relinquished by (Signature and Printed Name): <i>[Signature]</i> 4/18/19 1500		Received by (Signature and Printed Name): <i>[Signature]</i> 4/18/19 1500		Turn Around Time (TAT): <input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays TAT starts at 8 AM the following day if samples received after 3:00 PM.	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> 4/18/19 2030		Received by (Signature and Printed Name): <i>[Signature]</i> 4-18-19 2030		Special Instruction: 3 day TAT My/Kg	
Relinquished by (Signature and Printed Name): <i>[Signature]</i> 4-18-19 2330		Received by (Signature and Printed Name): <i>[Signature]</i> 4-18-19 2330			

1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 30% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.

5. Type Blanks and Equipment Blanks are blankable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are not 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

White = Laboratory Copy
Yellow = Customer's Copy

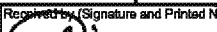


Preservatives:				Container Type:			
H = HCl	N = HNO ₃	S = H ₂ SO ₄	C = BPC	T = Tube	V = VOA	P = Pint	
Z = Zn(AC) ₂	O = NaOH	T = Na ₂ S ₂ O ₃		J = Jar	B = Tedlar	G = Glass	
Others/Specify:				M = Metal	P = Plastic	C = Can	



Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.307.2691
California: 11110 Artesia Blvd. Ste. B • Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

[illegible][illegible]

Relinquished by (Signature and Printed Name):	Date / Time
Matt Kaczmarek	4/18 1500
Relinquished by (Signature and Printed Name):	Date / Time
Karla Sevilla	4/18/19 2030
Relinquished by (Signature and Printed Name):	Date / Time
David	4-18-19 2330

Received by (Signature and Printed Name):	Date / Time
 Jim Karla Sevilla	4/18/19 1500
Received by (Signature and Printed Name):	Date / Time
 Jordan Lee	4/18/19 2030
Received by (Signature and Printed Name):	Date / Time
 Jordan Lee	4-18-19 2346

Turn Around Time (TAT)

- ☐ A < 24 Hrs or Same Day TAT
- ☐ B = Next Workday
- ☐ C = 2 Workdays
- ☒ D = 3 Workdays
- ☐ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special instruction:
3 day TAT
mg/kg

2. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.

3. Regular TAT is 5-7 business days, surcharges will apply for rush analysis

Less than 24 Hrs = 200%	Next Day = 300%	2 Workdays = 50%	3 Workdays = 35%	4 Workdays = 20%
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3. Custom EDO formats will be an additional 3% of the total project price.

4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.

5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives:				Container Type:		
H = HCl	N = HNO ₃	S = H ₂ SO ₄	C = B-C	T = Tube	V = VOA	P = Pin
Z = Zn(AC) ₂	O = NaOH	T = Na ₂ S ₂ O ₃		J = Jar	B = Tadiar	G = Glass
Others/Specialty:				M = Metal	P = Plastic	C = Can

White = Laboratory Copy

Yellow = Customer's Copy

ED 012956 00001562-00214

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/18/2019

Workorder: N035205

Rep sample Temp (Deg C): 4.9

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: Bubble Wrap

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH < 2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |

Comments: See Correspondence.

For:

Checklist Completed By: MBC  4/23/2019

Reviewed By:

 4/23/19

ASSET Laboratories

WORK ORDER Summary

23-Apr-19

WorkOrder: N035205

Client ID: BOWEN01

Project: 210 Slauson, 580101

QC Level: RTNE

Date Received: 4/18/2019

Comments: 3 day TAT

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035205-001A	SW-D-1	4/18/2019 7:34:00 AM	4/23/2019	Solid	EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-001B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-001C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-001D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-001E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-002A	SW-D-2	4/18/2019 7:42:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-002B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-002C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-002D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-002E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-003A	SW-D-3	4/18/2019 7:50:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA

ASSET Laboratories

WORK ORDER Summary

23-Apr-19

WorkOrder: N035205

Client ID: BOWEN01

Project: 210 Slauson, 580101

QC Level: RTNE

Date Received: 4/18/2019

Comments: 3 day TAT

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035205-003A	SW-D-3	4/18/2019 7:50:00 AM	4/23/2019	Solid	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-003B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-003C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-003D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-003E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-004A	SW-D-4	4/18/2019 8:05:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-004B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-004C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-004D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-004E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-005A	SW-D-5	4/18/2019 8:18:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA

ASSET Laboratories

WORK ORDER Summary

23-Apr-19

WorkOrder: N035205

Client ID: BOWEN01

Project: 210 Slauson, 580101

QC Level: RTNE

Date Received: 4/18/2019

Comments: 3 day TAT

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035205-005B	SW-D-5	4/18/2019 8:18:00 AM		Solid			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-005C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-005D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-005E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-006A	SW-D-COMP	4/18/2019 8:30:00 AM	4/23/2019		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 8082	PCBs BY GC/ECD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N035205-006B			4/23/2019		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N035205-007A	SW-B-1	4/18/2019 9:15:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-007B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-007C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS

ASSET Laboratories

WORK ORDER Summary

23-Apr-19

WorkOrder: N035205

Client ID: BOWEN01

Project: 210 Slauson, 580101

QC Level: RTNE

Date Received: 4/18/2019

Comments: 3 day TAT

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035205-007D	SW-B-1	4/18/2019 9:15:00 AM		Solid			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-007E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-008A	SW-B-2	4/18/2019 9:09:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-008B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-008C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-008D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-008E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-009A	SW-B-3	4/18/2019 9:03:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-009B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-009C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-009D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-009E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA

ASSET Laboratories

WORK ORDER Summary

23-Apr-19

WorkOrder: N035205

Client ID: BOWEN01

Project: 210 Slauson, 580101

QC Level: RTNE

Date Received: 4/18/2019

Comments: 3 day TAT

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035205-009E	SW-B-3	4/18/2019 9:03:00 AM	4/23/2019	Solid	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-010A	SW-B-4	4/18/2019 8:57:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-010B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-010C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-010D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-010E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-011A	SW-B-5	4/18/2019 9:18:00 AM	4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-011B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-011C			4/23/2019		EPA 5035	Closed System Purge and Trap	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-011D							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035205-011E			4/23/2019		EPA 5035	Closed System Purge and Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
			4/23/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA

ASSET Laboratories

WORK ORDER Summary

23-Apr-19

WorkOrder: N035205

Client ID: BOWEN01

Project: 210 Slauson, 580101

QC Level: RTNE

Date Received: 4/18/2019

Comments: 3 day TAT

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035205-011E	SW-B-5	4/18/2019 9:18:00 AM	4/23/2019	Solid	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	V-CA
N035205-012A	SW-B-COMP	4/18/2019 9:24:00 AM	4/23/2019		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 8082	PCBs BY GC/ECD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N035205-012B			4/23/2019		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			4/23/2019		EPA 7471A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N035205-013A	FOLDER	4/23/2019	4/23/2019		EDD	ATL inhouse excel file EDD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/23/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/23/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

Marianne Santos

From: Marianne Santos [marianne@assetlaboratories.com]
Sent: Monday, April 22, 2019 11:17 AM
To: 'Alan Malagon'
Cc: 'Matt Kaczmarek'; 'ASSET CA Sample Control'; 'Yoandra Rodriguez'
Subject: FW: N035205 COC and Work Order Summary for Sample Received 4/18/2019
Attachments: image001.jpg; N035205.pdf

Hi Alan/Matt,

Please note the following for sample 10 (SW-B-4) – the VOA w/MeOH sample label indicated “SW-B-1”, but we followed the time of 8:57 instead. We will proceed to analyze this VOA as sample 10, unless instructed otherwise.

Thanks,

Marianne Santos

Project Manager

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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From: AssetLabs Sample Control [mailto:samplecontrol@assetlaboratories.com]
Sent: Friday, April 19, 2019 10:57 AM
To: 'Marianne Santos'
Subject: N035205 COC and Work Order Summary for Sample Received 4/18/2019

Hi Alan/Matt:

Enclosed are COC and WO Summary for samples received 4/18/2019. If you have any questions, please contact your Project Manager listed below.

Marianne Santos

Project Manager

11110 Artesia Blvd. Suite B

Cerritos, CA 90703

Tel. No.: (562)-219-7435

Fax No.: (562)-219-7436

Cel. No.: (562)-413-2344

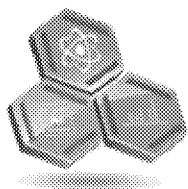
Email: marianne@assetlaboratories.com

Thank you for using ASSET Laboratories.

Sincerely,

Mary Ann Balilu

Sample Control Officer



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April 24, 2019

Alan Malagon
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd
Suite 900
Huntington Beach, CA 92647
TEL: 877 232 4620
FAX:

Workorder No.: N035228

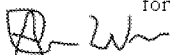
RE: 210 W Slauson, 580101

Enclosed are the results for sample(s) received on April 19, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

for


Puri Romualdo
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.**Project:** 210 W Slauson, 580101**Lab Order:** N035228**CASE NARRATIVE****SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Analytical Comments For EPA 6010B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Silver and Zinc possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Sample required dilution due to sample matrix.

Analytical Comment For EPA 8082:

Sample surrogate Decachlorobiphenyl was below laboratory acceptance limit possibly due to matrix interference. Matrix was oily and extract was black and viscous.

Analytical Comments For EPA 8260B:

Matrix Spike (MS) is outside recovery criteria for some analytes possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Sample required dilution due to sample matrix and high concentration of target analytes.

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Date: 24-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.**Project:** 210 W Slauson, 580101**Lab Order:** N035228**Contract No:****Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N035228-001A	W-TB-1	Water	4/19/2019 12:27:00 PM	4/19/2019	4/24/2019
N035228-001B	W-TB-1	Water	4/19/2019 12:27:00 PM	4/19/2019	4/24/2019
N035228-001C	W-TB-1	Water	4/19/2019 12:27:00 PM	4/19/2019	4/24/2019
N035228-002A	W-TB-2	Others	4/19/2019 1:15:00 PM	4/19/2019	4/24/2019
N035228-002B	W-TB-2	Others	4/19/2019 1:15:00 PM	4/19/2019	4/24/2019

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ANALYTICAL RESULTS

Print Date: 24-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: W-TB-1

Lab Order: N035228

Collection Date: 4/19/2019 12:27:00 PM

Project: 210 W Slauson, 580101

Matrix: WATER

Lab ID: N035228-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: MS8_190423A	QC Batch: R19VW037	PrepDate:		Analyst: QBM		
1,1,1,2-Tetrachloroethane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,1,1-Trichloroethane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,1,2,2-Tetrachloroethane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,1,2-Trichloroethane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,1-Dichloroethane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,1-Dichloroethene	ND	50		µg/L	100	4/23/2019 03:29 PM
1,1-Dichloropropene	ND	50		µg/L	100	4/23/2019 03:29 PM
1,2,3-Trichlorobenzene	ND	50		µg/L	100	4/23/2019 03:29 PM
1,2,3-Trichloropropane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,2,4-Trichlorobenzene	ND	50		µg/L	100	4/23/2019 03:29 PM
1,2,4-Trimethylbenzene	35000	500		µg/L	1000	4/23/2019 02:34 PM
1,2-Dibromo-3-chloropropane	ND	100		µg/L	100	4/23/2019 03:29 PM
1,2-Dibromoethane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,2-Dichlorobenzene	ND	50		µg/L	100	4/23/2019 03:29 PM
1,2-Dichloroethane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,2-Dichloropropane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,3,5-Trimethylbenzene	9400	500		µg/L	1000	4/23/2019 02:34 PM
1,3-Dichlorobenzene	ND	50		µg/L	100	4/23/2019 03:29 PM
1,3-Dichloropropane	ND	50		µg/L	100	4/23/2019 03:29 PM
1,4-Dichlorobenzene	ND	50		µg/L	100	4/23/2019 03:29 PM
2,2-Dichloropropane	ND	50		µg/L	100	4/23/2019 03:29 PM
2-Butanone	ND	500		µg/L	100	4/23/2019 03:29 PM
2-Chlorotoluene	ND	50		µg/L	100	4/23/2019 03:29 PM
4-Chlorotoluene	ND	50		µg/L	100	4/23/2019 03:29 PM
4-Isopropyltoluene	270	50		µg/L	100	4/23/2019 03:29 PM
Benzene	26000	500		µg/L	1000	4/23/2019 02:34 PM
Bromobenzene	ND	50		µg/L	100	4/23/2019 03:29 PM
Bromodichloromethane	ND	50		µg/L	100	4/23/2019 03:29 PM
Bromoform	ND	50		µg/L	100	4/23/2019 03:29 PM
Bromomethane	290	100		µg/L	100	4/23/2019 03:29 PM
Carbon tetrachloride	ND	50		µg/L	100	4/23/2019 03:29 PM
Chlorobenzene	ND	50		µg/L	100	4/23/2019 03:29 PM
Chloroethane	ND	100		µg/L	100	4/23/2019 03:29 PM
Chloroform	ND	50		µg/L	100	4/23/2019 03:29 PM
Chloromethane	ND	50		µg/L	100	4/23/2019 03:29 PM
cis-1,2-Dichloroethene	ND	50		µg/L	100	4/23/2019 03:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 24-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: W-TB-1

Lab Order: N035228

Collection Date: 4/19/2019 12:27:00 PM

Project: 210 W Slauson, 580101

Matrix: WATER

Lab ID: N035228-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS8_190423A	QC Batch: R19VW037	PrepDate:	Analyst: QBM		
cis-1,3-Dichloropropene	ND	50	µg/L	100	4/23/2019 03:29 PM
Dibromochloromethane	ND	50	µg/L	100	4/23/2019 03:29 PM
Dibromomethane	ND	50	µg/L	100	4/23/2019 03:29 PM
Dichlorodifluoromethane	ND	50	µg/L	100	4/23/2019 03:29 PM
Ethylbenzene	20000	500	µg/L	1000	4/23/2019 02:34 PM
Freon-113	ND	50	µg/L	100	4/23/2019 03:29 PM
Hexachlorobutadiene	ND	50	µg/L	100	4/23/2019 03:29 PM
Isopropylbenzene	1300	50	µg/L	100	4/23/2019 03:29 PM
m,p-Xylene	88000	1000	µg/L	1000	4/23/2019 02:34 PM
Methylene chloride	ND	200	µg/L	100	4/23/2019 03:29 PM
MTBE	ND	50	µg/L	100	4/23/2019 03:29 PM
n-Butylbenzene	1400	50	µg/L	100	4/23/2019 03:29 PM
n-Propylbenzene	5600	50	µg/L	100	4/23/2019 03:29 PM
Naphthalene	3300	50	µg/L	100	4/23/2019 03:29 PM
o-Xylene	33000	500	µg/L	1000	4/23/2019 02:34 PM
sec-Butylbenzene	440	50	µg/L	100	4/23/2019 03:29 PM
Styrene	ND	50	µg/L	100	4/23/2019 03:29 PM
tert-Butylbenzene	ND	50	µg/L	100	4/23/2019 03:29 PM
Tetrachloroethene	ND	50	µg/L	100	4/23/2019 03:29 PM
Toluene	130000	2500	µg/L	5000	4/23/2019 03:03 PM
trans-1,2-Dichloroethene	ND	50	µg/L	100	4/23/2019 03:29 PM
Trichloroethene	ND	50	µg/L	100	4/23/2019 03:29 PM
Trichlorofluoromethane	ND	50	µg/L	100	4/23/2019 03:29 PM
Vinyl chloride	ND	50	µg/L	100	4/23/2019 03:29 PM
Surr: 1,2-Dichloroethane-d4	104	75-130	%REC	100	4/23/2019 03:29 PM
Surr: 1,2-Dichloroethane-d4	93.8	75-130	%REC	1000	4/23/2019 02:34 PM
Surr: 1,2-Dichloroethane-d4	94.2	75-130	%REC	5000	4/23/2019 03:03 PM
Surr: 4-Bromofluorobenzene	104	80-120	%REC	100	4/23/2019 03:29 PM
Surr: 4-Bromofluorobenzene	100	80-120	%REC	1000	4/23/2019 02:34 PM
Surr: 4-Bromofluorobenzene	100	80-120	%REC	5000	4/23/2019 03:03 PM
Surr: Dibromofluoromethane	98.8	80-128	%REC	5000	4/23/2019 03:03 PM
Surr: Dibromofluoromethane	103	80-128	%REC	100	4/23/2019 03:29 PM
Surr: Dibromofluoromethane	97.4	80-128	%REC	1000	4/23/2019 02:34 PM
Surr: Toluene-d8	100	80-120	%REC	1000	4/23/2019 02:34 PM
Surr: Toluene-d8	101	80-120	%REC	5000	4/23/2019 03:03 PM
Surr: Toluene-d8	98.8	80-120	%REC	100	4/23/2019 03:29 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



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ANALYTICAL RESULTS

Print Date: 24-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: W-TB-1

Lab Order: N035228

Collection Date: 4/19/2019 12:27:00 PM

Project: 210 W Slauson, 580101

Matrix: WATER

Lab ID: N035228-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3510C			EPA 8015B			
RunID: NV00922-GC3_190424A	QC Batch: 73511			PrepDate: 4/22/2019	Analyst: LLR	
DRO	450	22		mg/L	100	4/24/2019 01:03 PM
ORO	12	11		mg/L	50	4/22/2019 07:31 PM
Surr: p-Terphenyl	63.9	47-130		%REC	50	4/22/2019 07:31 PM
PCBS BY GC/ECD						
EPA 3510C			EPA 8082			
RunID: NV00922-GC7_190422A	QC Batch: 73509			PrepDate: 4/22/2019	Analyst: MGB	
Aroclor 1016	ND	0.57		µg/L	1	4/23/2019 12:59 AM
Aroclor 1221	ND	1.1		µg/L	1	4/23/2019 12:59 AM
Aroclor 1232	ND	0.57		µg/L	1	4/23/2019 12:59 AM
Aroclor 1242	ND	0.57		µg/L	1	4/23/2019 12:59 AM
Aroclor 1248	ND	0.57		µg/L	1	4/23/2019 12:59 AM
Aroclor 1254	ND	0.57		µg/L	1	4/23/2019 12:59 AM
Aroclor 1260	ND	0.57		µg/L	1	4/23/2019 12:59 AM
Surr: Decachlorobiphenyl	9.41	36-120	S	%REC	1	4/23/2019 12:59 AM
Surr: Tetrachloro-m-xylene	45.3	25-113		%REC	1	4/23/2019 12:59 AM
GASOLINE RANGE ORGANICS BY GC/FID						
			EPA 8015B			
RunID: NV00922-GC4_190420A	QC Batch: E19VW023			PrepDate:	Analyst: QBM	
GRO	970	5.0		mg/L	100	4/20/2019 04:11 PM
Surr: Chlorobenzene - d5	77.9	69-149		%REC	100	4/20/2019 04:11 PM
TOTAL MERCURY BY COLD VAPOR TECHNIQUE						
			EPA 7470A			
RunID: NV00922-AA1_190423A	QC Batch: 73504			PrepDate: 4/22/2019	Analyst: MG	
Mercury	ND	0.20		µg/L	1	4/23/2019 09:51 AM
TOTAL METALS BY ICP						
EPA 3010A			EPA 6010B			
RunID: NV00922-ICP2_190423D	QC Batch: 73502			PrepDate: 4/22/2019	Analyst: CEI	
Antimony	ND	0.050		mg/L	5	4/23/2019 07:52 PM
Arsenic	ND	0.050		mg/L	5	4/23/2019 07:52 PM
Barium	0.077	0.015		mg/L	5	4/23/2019 07:52 PM
Beryllium	ND	0.015		mg/L	5	4/23/2019 07:52 PM
Cadmium	ND	0.015		mg/L	5	4/23/2019 07:52 PM
Chromium	ND	0.015		mg/L	5	4/23/2019 07:52 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 24-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: W-TB-1

Lab Order: N035228

Collection Date: 4/19/2019 12:27:00 PM

Project: 210 W Slauson, 580101

Matrix: WATER

Lab ID: N035228-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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TOTAL METALS BY ICP

EPA 3010A

EPA 6010B

RunID: NV00922-ICP2_190423D

QC Batch: 73502

PrepDate: 4/22/2019 Analyst: CEI

Cobalt	0.018	0.015	mg/L	5	4/23/2019 07:52 PM
Copper	0.66	0.025	mg/L	5	4/23/2019 07:52 PM
Lead	0.044	0.025	mg/L	5	4/23/2019 07:52 PM
Molybdenum	ND	0.025	mg/L	5	4/23/2019 07:52 PM
Nickel	ND	0.025	mg/L	5	4/23/2019 07:52 PM
Selenium	ND	0.050	mg/L	5	4/23/2019 07:52 PM
Silver	ND	0.015	mg/L	5	4/23/2019 07:52 PM
Thallium	ND	0.075	mg/L	5	4/23/2019 07:52 PM
Vanadium	ND	0.015	mg/L	5	4/23/2019 07:52 PM
Zinc	3.2	0.050	mg/L	5	4/24/2019 03:09 PM

Qualifiers:	B	Analyte detected in the associated Method Blank
	H	Holding times for preparation or analysis exceeded
	S	Spike/Surrogate outside of limits due to matrix interference
	DO	Surrogate Diluted Out

E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 24-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: W-TB-2

Lab Order: N035228

Collection Date: 4/19/2019 1:15:00 PM

Project: 210 W Slauson, 580101

Matrix: OTHERS

Lab ID: N035228-002

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS BY GC/FID						
EPA 3580A			EPA 8015B			
RunID: NV00922-GC3_190423B	QC Batch: 73526			PrepDate: 4/23/2019	Analyst: LLR	
DRO	190000	1000		mg/Kg	10	4/23/2019 09:58 PM
ORO	2900	1000		mg/Kg	10	4/23/2019 09:58 PM
Surr: p-Terphenyl	89.1	32-158		%REC	10	4/23/2019 09:58 PM
GASOLINE RANGE ORGANICS BY GC/FID						
			EPA 8015B			
RunID: NV00922-GC4_190423A	QC Batch: E19VS066			PrepDate:	Analyst: QBM	
GRO	1000000	50000		mg/Kg	50000	4/23/2019 01:44 PM
Surr: Chlorobenzene - d5	111	47-163		%REC	50000	4/23/2019 01:44 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified	
	DO	Surrogate Diluted Out		


ASSET LABORATORIES

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 3151 W. Post Rd., Las Vegas, NV 89118
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 ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

CLIENT: Bowyer Environmental Consulting, Inc.

Work Order: N035228

Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: MB-73502	SampType: MBLK	TestCode: 6010_W		Units: mg/L	Prep Date: 4/22/2019			RunNo: 133408			
Client ID: PBW	Batch ID: 73502	TestNo: EPA 6010B		EPA 3010A	Analysis Date: 4/23/2019			SeqNo: 3360849			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.010									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Silver	ND	0.0030									
Thallium	ND	0.015									
Vanadium	ND	0.0030									

Sample ID: LCS-73502	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/22/2019	RunNo: 133408						
Client ID: LCSW	Batch ID: 73502	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/23/2019	SeqNo: 3360850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.507	0.010	0.5000	0	101	85	115				
Arsenic	0.506	0.010	0.5000	0	101	85	115				
Barium	0.505	0.0030	0.5000	0	101	85	115				
Beryllium	0.502	0.0030	0.5000	0	100	85	115				
Cadmium	0.504	0.0030	0.5000	0	101	85	115				
Chromium	0.504	0.0030	0.5000	0	101	85	115				
Cobalt	0.509	0.0030	0.5000	0	102	85	115				
Copper	0.519	0.0050	0.5000	0	104	85	115				

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: LCS-73502	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/22/2019	RunNo: 133408						
Client ID: LCSW	Batch ID: 73502	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/23/2019	SeqNo: 3360850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.509	0.0050	0.5000	0	102	85	115				
Molybdenum	0.498	0.0050	0.5000	0	99.7	85	115				
Nickel	0.507	0.0050	0.5000	0	101	85	115				
Selenium	0.513	0.010	0.5000	0	103	85	115				
Silver	0.505	0.0030	0.5000	0	101	85	115				
Thallium	0.526	0.015	0.5000	0	105	85	115				
Vanadium	0.505	0.0030	0.5000	0	101	85	115				

Sample ID: N035230-001B-MS	SampType: MS	TestCode: 6010_W		Units: mg/L	Prep Date: 4/22/2019			RunNo: 133408			
Client ID: ZZZZZZ	Batch ID: 73502	TestNo: EPA 6010B		EPA 3010A	Analysis Date: 4/23/2019			SeqNo: 3360856			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.494	0.010	0.5000	0	98.8	75	125				
Arsenic	0.516	0.010	0.5000	0.02214	98.8	75	125				
Barium	0.559	0.0030	0.5000	0.1162	88.6	75	125				
Beryllium	0.480	0.0030	0.5000	0	96.0	75	125				
Cadmium	0.459	0.0030	0.5000	0	91.8	75	125				
Chromium	0.503	0.0030	0.5000	0.02700	95.1	75	125				
Cobalt	0.466	0.0030	0.5000	0.003105	92.6	75	125				
Copper	0.518	0.0050	0.5000	0.01431	101	75	125				
Lead	0.444	0.0050	0.5000	0	88.9	75	125				
Molybdenum	0.528	0.0050	0.5000	0.02690	100	75	125				
Nickel	0.456	0.0050	0.5000	0.003823	90.5	75	125				
Selenium	0.488	0.010	0.5000	0	97.6	75	125				
Silver	0.277	0.0030	0.5000	0	55.4	75	125				S
Thallium	0.454	0.015	0.5000	0.01338	88.1	75	125				
Vanadium	0.481	0.0030	0.5000	0.004705	95.2	75	125				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: N035230-001B-MSD	SampType: MSD	TestCode: 6010_W	Units: mg/L	Prep Date: 4/22/2019	RunNo: 133408						
Client ID: ZZZZZZ	Batch ID: 73502	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/23/2019	SeqNo: 3360857						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.495	0.010	0.5000	0	99.0	75	125	0.4940	0.199	20	
Arsenic	0.510	0.010	0.5000	0.02214	97.5	75	125	0.5162	1.30	20	
Barium	0.552	0.0030	0.5000	0.1162	87.1	75	125	0.5594	1.39	20	
Beryllium	0.477	0.0030	0.5000	0	95.4	75	125	0.4799	0.656	20	
Cadmium	0.456	0.0030	0.5000	0	91.3	75	125	0.4591	0.631	20	
Chromium	0.498	0.0030	0.5000	0.02700	94.2	75	125	0.5027	0.932	20	
Cobalt	0.463	0.0030	0.5000	0.003105	92.0	75	125	0.4661	0.698	20	
Copper	0.513	0.0050	0.5000	0.01431	99.8	75	125	0.5182	0.941	20	
Lead	0.440	0.0050	0.5000	0	88.1	75	125	0.4445	0.924	20	
Molybdenum	0.522	0.0050	0.5000	0.02690	99.1	75	125	0.5276	0.987	20	
Nickel	0.454	0.0050	0.5000	0.003823	90.0	75	125	0.4563	0.563	20	
Selenium	0.482	0.010	0.5000	0	96.4	75	125	0.4879	1.16	20	
Silver	0.273	0.0030	0.5000	0	54.7	75	125	0.2770	1.30	20	S
Thallium	0.452	0.015	0.5000	0.01338	87.8	75	125	0.4538	0.278	20	
Vanadium	0.475	0.0030	0.5000	0.004705	94.1	75	125	0.4809	1.23	20	

Sample ID: MB-73502	SampType: MBLK	TestCode: 6010_W	Units: mg/L	Prep Date: 4/22/2019	RunNo: 133430						
Client ID: PBW	Batch ID: 73502	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/24/2019	SeqNo: 3362071						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	ND	0.010									

Sample ID: LCS-73502	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/22/2019	RunNo: 133430						
Client ID: LCSW	Batch ID: 73502	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/24/2019	SeqNo: 3362072						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	0.488	0.010	0.5000	0	97.6	85	115				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | | | |

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: N035230-001B-MS	SampType: MS	TestCode: 6010_W		Units: mg/L	Prep Date: 4/22/2019				RunNo: 133430		
Client ID: ZZZZZZ	Batch ID: 73502	TestNo: EPA 6010B		EPA 3010A	Analysis Date: 4/24/2019				SeqNo: 3362078		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	0.452	0.010	0.5000	0.3157	27.3	75	125				S

Sample ID: N035230-001B-MSD	SampType: MSD	TestCode: 6010_W		Units: mg/L	Prep Date: 4/22/2019				RunNo: 133430		
Client ID: ZZZZZZ	Batch ID: 73502	TestNo: EPA 6010B		EPA 3010A	Analysis Date: 4/24/2019				SeqNo: 3362079		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	0.458	0.010	0.5000	0.3157	28.4	75	125	0.4524	1.17	20	S

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values



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DRELAP/RELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID: MB-73504	SampType: MBLK	TestCode: 7470_W	Units: µg/L	Prep Date: 4/22/2019	RunNo: 133374						
Client ID: PBW	Batch ID: 73504	TestNo: EPA 7470A		Analysis Date: 4/23/2019	SeqNo: 3359142						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Sample ID: LCS-73504	SampType: LCS	TestCode: 7470_W	Units: µg/L	Prep Date: 4/22/2019	RunNo: 133374						
Client ID: LCSW	Batch ID: 73504	TestNo: EPA 7470A		Analysis Date: 4/23/2019	SeqNo: 3359144						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	4.868	0.20	5.000	0	97.4	85	115				

Sample ID: N035120-001A-MS	SampType: MS	TestCode: 7470_W	Units: µg/L	Prep Date: 4/22/2019	RunNo: 133374						
Client ID: ZZZZZZ	Batch ID: 73504	TestNo: EPA 7470A		Analysis Date: 4/23/2019	SeqNo: 3359145						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	4.747	0.20	5.000	0	94.9	75	125				

Sample ID: N035120-001A-MSD	SampType: MSD	TestCode: 7470_W	Units: µg/L	Prep Date: 4/22/2019	RunNo: 133374						
Client ID: ZZZZZZ	Batch ID: 73504	TestNo: EPA 7470A		Analysis Date: 4/23/2019	SeqNo: 3359146						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	4.522	0.20	5.000	0	90.4	75	125	4.747	4.87	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values



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DRELAP/RELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_L_DM

Sample ID: MB-73526	SampType: MBLK	TestCode: 8015_L_DM	Units: mg/Kg	Prep Date: 4/23/2019	RunNo: 133400						
Client ID: PBS	Batch ID: 73526	TestNo: EPA 8015B	EPA 3580A	Analysis Date: 4/23/2019	SeqNo: 3360476						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	100									
ORO	ND	100									
Surr: p-Terphenyl	722.260		800.0		90.3	32	158				

Sample ID: LCS-73526	SampType: LCS	TestCode: 8015_L_DM	Units: mg/Kg	Prep Date: 4/23/2019	RunNo: 133400						
Client ID: LCSS	Batch ID: 73526	TestNo: EPA 8015B	EPA 3580A	Analysis Date: 4/23/2019	SeqNo: 3360477						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	9646.270	100	10000	0	96.5	67	124				
Surr: p-Terphenyl	745.040		800.0		93.1	32	158				

Sample ID: N035228-002A-MS	SampType: MS	TestCode: 8015_L_DM	Units: mg/Kg	Prep Date: 4/23/2019	RunNo: 133400						
Client ID: ZZZZZZ	Batch ID: 73526	TestNo: EPA 8015B	EPA 3580A	Analysis Date: 4/23/2019	SeqNo: 3361131						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	201994.200	1000	10000	193700	83.2	24	168				
Surr: p-Terphenyl	742.500		800.0		92.8	32	158				

Sample ID: N035228-002A-MSD	SampType: MSD	TestCode: 8015_L_DM	Units: mg/Kg	Prep Date: 4/23/2019	RunNo: 133400						
Client ID: ZZZZZZ	Batch ID: 73526	TestNo: EPA 8015B	EPA 3580A	Analysis Date: 4/23/2019	SeqNo: 3361132						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	205351.900	1000	10000	193700	117	24	168	202000	1.65	30	
Surr: p-Terphenyl	745.700		800.0		93.2	32	158		0	0	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DM

Sample ID: MB-73511	SampType: MBLK	TestCode: 8015_W_DM	Units: mg/L	Prep Date: 4/22/2019	RunNo: 133397						
Client ID: PBW	Batch ID: 73511	TestNo: EPA 8015B	EPA 3510C	Analysis Date: 4/22/2019	SeqNo: 3360425						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	0.20									
ORO	ND	0.20									
Surr: p-Terphenyl	0.065		0.08000		81.3	47	130				

Sample ID: LCS-73511	SampType: LCS	TestCode: 8015_W_DM	Units: mg/L	Prep Date: 4/22/2019	RunNo: 133397						
Client ID: LCSW	Batch ID: 73511	TestNo: EPA 8015B	EPA 3510C	Analysis Date: 4/22/2019	SeqNo: 3360426						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.630	0.20	1.000	0	63.0	39	118				
Surr: p-Terphenyl	0.072		0.08000		89.5	47	130				

Sample ID: LCSD-73511	SampType: LCSD	TestCode: 8015_W_DM	Units: mg/L	Prep Date: 4/22/2019	RunNo: 133397						
Client ID: LCSS02	Batch ID: 73511	TestNo: EPA 8015B	EPA 3510C	Analysis Date: 4/22/2019	SeqNo: 3360427						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.610	0.20	1.000	0	61.0	39	118	0.6301	3.32	20	
Surr: p-Terphenyl	0.072		0.08000		89.9	47	130		0		

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | | | |

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_LIQ

Sample ID: E190423LCS	SampType: LCS	TestCode: 8015GAS_LIQ Units: mg/Kg				Prep Date:			RunNo: 133398		
Client ID: LCSW	Batch ID: E19VS066	TestNo: EPA 8015B				Analysis Date: 4/23/2019			SeqNo: 3360437		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.449	1.0	5.000	0	89.0	72	136				
Surr: Chlorobenzene - d5	91.440		100.0		91.4	47	163				

Sample ID: E190423LCSD	SampType: LCSD	TestCode: 8015GAS_LIQ Units: mg/Kg				Prep Date:			RunNo: 133398		
Client ID: LCSS02	Batch ID: E19VS066	TestNo: EPA 8015B				Analysis Date: 4/23/2019			SeqNo: 3360438		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.360	1.0	5.000	0	87.2	72	136	4.449	2.02	20	
Surr: Chlorobenzene - d5	89.545		100.0		89.5	47	163		0		

Sample ID: E190423MB1	SampType: MBLK	TestCode: 8015GAS_LIQ Units: mg/Kg				Prep Date:			RunNo: 133398		
Client ID: PBW	Batch ID: E19VS066	TestNo: EPA 8015B				Analysis Date: 4/23/2019			SeqNo: 3360439		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	98.786		100.0		98.8	47	163				

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | | | |

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_WP

Sample ID: E190420LCS	SampType: LCS	TestCode: 8015GAS_WP	Units: mg/L	Prep Date:	RunNo: 133345						
Client ID: LCSW	Batch ID: E19VW023	TestNo: EPA 8015B		Analysis Date: 4/20/2019	SeqNo: 3357377						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	0.853	0.050	1.000	0	85.3	77	124				
Surr: Chlorobenzene - d5	51.001		50.00		102	69	149				

Sample ID: E190420MB1	SampType: MBLK	TestCode: 8015GAS_WP	Units: mg/L	Prep Date:	RunNo: 133345						
Client ID: PBW	Batch ID: E19VW023	TestNo: EPA 8015B		Analysis Date: 4/20/2019	SeqNo: 3357378						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	0.050									
Surr: Chlorobenzene - d5	52.069		50.00		104	69	149				

Sample ID: N035225-001AMS	SampType: MS	TestCode: 8015GAS_WP	Units: mg/L	Prep Date:	RunNo: 133345						
Client ID: ZZZZZZ	Batch ID: E19VW023	TestNo: EPA 8015B		Analysis Date: 4/20/2019	SeqNo: 3357387						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	0.754	0.050	1.000	0	75.4	64	133				
Surr: Chlorobenzene - d5	44.288		50.00		88.6	69	149				

Sample ID: N035225-001AMSD	SampType: MSD	TestCode: 8015GAS_WP	Units: mg/L	Prep Date:	RunNo: 133345						
Client ID: ZZZZZZ	Batch ID: E19VW023	TestNo: EPA 8015B		Analysis Date: 4/20/2019	SeqNo: 3357388						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	0.746	0.050	1.000	0	74.6	64	133	0.7540	1.07	30	
Surr: Chlorobenzene - d5	44.470		50.00		88.9	69	149		0		

Qualifiers:

- | | | | | | |
|----|---|---|--------------------------------------|---|--|
| B | Analyte detected in the associated Method Blank | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit | R | RPD outside accepted recovery limits | S | Spike/Surrogate outside of limits due to matrix interference |
| DO | Surrogate Diluted Out | | | | |

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_W

Sample ID: LCS-73509	SampType: LCS	TestCode: 8082_W	Units: µg/L	Prep Date: 4/22/2019	RunNo: 133392						
Client ID: LCSW	Batch ID: 73509	TestNo: EPA 8082	EPA 3510C	Analysis Date: 4/22/2019	SeqNo: 3360296						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	2.060	0.50	2.500	0	82.4	44	115				
Aroclor 1260	2.047	0.50	2.500	0	81.9	52	113				
Surr: Decachlorobiphenyl	0.210		0.2500		84.1	36	120				
Surr: Tetrachloro-m-xylene	0.196		0.2500		78.5	25	113				

Sample ID: LCSD-73509	SampType: LCSD	TestCode: 8082_W	Units: µg/L	Prep Date: 4/22/2019	RunNo: 133392						
Client ID: LCSS02	Batch ID: 73509	TestNo: EPA 8082	EPA 3510C	Analysis Date: 4/22/2019	SeqNo: 3360297						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	2.149	0.50	2.500	0	86.0	44	115	2.060	4.23	20	
Aroclor 1260	2.156	0.50	2.500	0	86.2	52	113	2.047	5.20	20	
Surr: Decachlorobiphenyl	0.185		0.2500		74.0	36	120		0		
Surr: Tetrachloro-m-xylene	0.209		0.2500		83.6	25	113		0		

Sample ID: MB-73509	SampType: MBLK	TestCode: 8082_W		Units: µg/L	Prep Date: 4/22/2019			RunNo: 133392			
Client ID: PBW	Batch ID: 73509	TestNo: EPA 8082		EPA 3510C	Analysis Date: 4/22/2019			SeqNo: 3360298			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.50									
Aroclor 1221	ND	1.0									
Aroclor 1232	ND	0.50									
Aroclor 1242	ND	0.50									
Aroclor 1248	ND	0.50									
Aroclor 1254	ND	0.50									
Aroclor 1260	ND	0.50									
Surr: Decachlorobiphenyl	0.176		0.2500		70.5	36	120				
Surr: Tetrachloro-m-xylene	0.194		0.2500		77.7	25	113				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: R190423LCS	SampType: LCS	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: LCSW	Batch ID: R19VW037	TestNo: EPA 8260B	Analysis Date: 4/23/2019	SeqNo: 3361573							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	22.290	0.50	20.00	0	111	80	120				
1,1,1-Trichloroethane	21.560	0.50	20.00	0	108	76	128				
1,1,2,2-Tetrachloroethane	21.590	0.50	20.00	0	108	79	124				
1,1,2-Trichloroethane	21.210	0.50	20.00	0	106	80	120				
1,1-Dichloroethane	21.090	0.50	20.00	0	105	68	133				
1,1-Dichloroethene	22.180	0.50	20.00	0	111	63	132				
1,1-Dichloropropene	21.950	0.50	20.00	0	110	80	127				
1,2,3-Trichlorobenzene	22.840	0.50	20.00	0	114	80	120				
1,2,3-Trichloropropane	21.420	0.50	20.00	0	107	80	120				
1,2,4-Trichlorobenzene	22.840	0.50	20.00	0	114	80	120				
1,2,4-Trimethylbenzene	22.760	0.50	20.00	0	114	80	123				
1,2-Dibromo-3-chloropropane	19.900	1.0	20.00	0	99.5	71	128				
1,2-Dibromoethane	22.600	0.50	20.00	0	113	80	120				
1,2-Dichlorobenzene	21.540	0.50	20.00	0	108	80	120				
1,2-Dichloroethane	21.390	0.50	20.00	0	107	80	120				
1,2-Dichloropropane	21.230	0.50	20.00	0	106	80	120				
1,3,5-Trimethylbenzene	22.710	0.50	20.00	0	114	80	125				
1,3-Dichlorobenzene	22.180	0.50	20.00	0	111	80	120				
1,3-Dichloropropane	22.210	0.50	20.00	0	111	80	120				
1,4-Dichlorobenzene	22.120	0.50	20.00	0	111	80	120				
2,2-Dichloropropane	22.200	0.50	20.00	0	111	66	139				
2-Butanone	141.550	5.0	200.0	0	70.8	55	150				
2-Chlorotoluene	22.000	0.50	20.00	0	110	83	120				
4-Chlorotoluene	22.070	0.50	20.00	0	110	80	121				
4-Isopropyltoluene	22.570	0.50	20.00	0	113	80	126				
Benzene	22.260	0.50	20.00	0	111	80	120				
Bromobenzene	21.770	0.50	20.00	0	109	80	120				
Bromodichloromethane	21.790	0.50	20.00	0	109	80	120				
Bromoform	22.950	0.50	20.00	0	115	67	133				
Bromomethane	18.440	1.0	20.00	0	92.2	35	164				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT


TestCode: 8260WATERP

Sample ID: R190423LCS	SampType: LCS	TestCode: 8260WATERP Units: µg/L				Prep Date:			RunNo: 133414		
Client ID: LCSW	Batch ID: R19VW037	TestNo: EPA 8260B				Analysis Date: 4/23/2019			SeqNo: 3361573		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	21.650	0.50	20.00	0	108	77	135				
Chlorobenzene	21.820	0.50	20.00	0	109	80	120				
Chloroethane	27.110	1.0	20.00	0	136	60	154				
Chloroform	21.520	0.50	20.00	0	108	75	120				
Chloromethane	19.890	0.50	20.00	0	99.4	59	140				
cis-1,2-Dichloroethene	21.430	0.50	20.00	0	107	78	120				
cis-1,3-Dichloropropene	21.700	0.50	20.00	0	108	80	120				
Dibromochloromethane	22.060	0.50	20.00	0	110	79	123				
Dibromomethane	21.470	0.50	20.00	0	107	80	120				
Dichlorodifluoromethane	22.550	0.50	20.00	0	113	57	147				
Ethylbenzene	21.550	0.50	20.00	0	108	80	120				
Freon-113	22.720	0.50	20.00	0	114	52	149				
Hexachlorobutadiene	21.520	0.50	20.00	0	108	73	125				
Isopropylbenzene	22.260	0.50	20.00	0	111	68	129				
m,p-Xylene	44.980	1.0	40.00	0	112	80	120				
Methylene chloride	20.960	2.0	20.00	0	105	68	134				
MTBE	22.300	0.50	20.00	0	112	67	129				
n-Butylbenzene	22.670	0.50	20.00	0	113	79	130				
n-Propylbenzene	22.220	0.50	20.00	0	111	80	128				
Naphthalene	19.530	0.50	20.00	0	97.6	62	126				
o-Xylene	22.090	0.50	20.00	0	110	80	120				
sec-Butylbenzene	22.620	0.50	20.00	0	113	80	129				
Styrene	22.340	0.50	20.00	0	112	80	120				
tert-Butylbenzene	22.380	0.50	20.00	0	112	80	125				
Tetrachloroethene	21.740	0.50	20.00	0	109	78	123				
Toluene	21.410	0.50	20.00	0	107	80	120				
trans-1,2-Dichloroethene	22.670	0.50	20.00	0	113	75	125				
Trichloroethene	21.750	0.50	20.00	0	109	80	120				
Trichlorofluoromethane	23.250	0.50	20.00	0	116	64	147				
Vinyl chloride	22.230	0.50	20.00	0	111	66	140				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

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"Serving Clients with Passion and Professionalism"

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CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: R190423LCS	SampType: LCS	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: LCSW	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361573						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	25.180		25.00		101	75	130				
Surr: 4-Bromofluorobenzene	25.280		25.00		101	80	120				
Surr: Dibromofluoromethane	26.300		25.00		105	80	128				
Surr: Toluene-d8	25.630		25.00		103	80	120				

Sample ID: N035230-003AMS	SampType: MS	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: ZZZZZZ	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361575						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	24.570	0.50	20.00	0	123	80	124				
1,1,1-Trichloroethane	25.410	0.50	20.00	0	127	73	136				
1,1,2,2-Tetrachloroethane	23.880	0.50	20.00	0	119	77	124				
1,1,2-Trichloroethane	22.560	0.50	20.00	0	113	79	120				
1,1-Dichloroethane	23.360	0.50	20.00	0	117	58	141				
1,1-Dichloroethene	25.710	0.50	20.00	0	129	59	143				
1,1-Dichloropropene	26.040	0.50	20.00	0	130	77	134				
1,2,3-Trichlorobenzene	24.700	0.50	20.00	0	124	77	129				
1,2,3-Trichloropropane	22.660	0.50	20.00	0	113	79	120				
1,2,4-Trichlorobenzene	24.720	0.50	20.00	0	124	79	123				S
1,2,4-Trimethylbenzene	24.930	0.50	20.00	0	125	48	148				
1,2-Dibromo-3-chloropropane	21.910	1.0	20.00	0	110	71	130				
1,2-Dibromoethane	23.980	0.50	20.00	0	120	80	121				
1,2-Dichlorobenzene	23.460	0.50	20.00	0	117	80	120				
1,2-Dichloroethane	22.970	0.50	20.00	0	115	80	120				
1,2-Dichloropropane	23.010	0.50	20.00	0	115	79	120				
1,3,5-Trimethylbenzene	25.610	0.50	20.00	0	128	68	138				
1,3-Dichlorobenzene	24.200	0.50	20.00	0	121	80	120				S
1,3-Dichloropropane	23.430	0.50	20.00	0	117	80	120				
1,4-Dichlorobenzene	24.090	0.50	20.00	0	120	85	115				S
2,2-Dichloropropane	24.170	0.50	20.00	0	121	60	155				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: N035230-003AMS	SampType: MS	TestCode: 8260WATERP Units: µg/L			Prep Date:			RunNo: 133414			
Client ID: ZZZZZZ	Batch ID: R19VW037	TestNo: EPA 8260B			Analysis Date: 4/23/2019			SeqNo: 3361575			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	136.740	5.0	200.0	0	68.4	42	162				
2-Chlorotoluene	24.640	0.50	20.00	0	123	80	124				
4-Chlorotoluene	24.600	0.50	20.00	0	123	80	125				
4-Isopropyltoluene	26.760	0.50	20.00	0	134	74	135				
Benzene	24.900	0.50	20.00	0	125	80	122				S
Bromobenzene	23.750	0.50	20.00	0	119	80	120				
Bromodichloromethane	23.350	0.50	20.00	0	117	80	123				
Bromoform	23.980	0.50	20.00	0	120	71	134				
Bromomethane	19.980	1.0	20.00	0	99.9	39	157				
Carbon tetrachloride	26.380	0.50	20.00	0	132	75	145				
Chlorobenzene	23.800	0.50	20.00	0	119	80	120				
Chloroethane	27.540	1.0	20.00	0	138	61	154				
Chloroform	25.500	0.50	20.00	1.920	118	72	120				
Chloromethane	20.430	0.50	20.00	0	102	58	140				
cis-1,2-Dichloroethene	23.200	0.50	20.00	0	116	76	121				
cis-1,3-Dichloropropene	23.200	0.50	20.00	0	116	80	123				
Dibromochloromethane	23.870	0.50	20.00	0	119	78	126				
Dibromomethane	23.030	0.50	20.00	0	115	80	120				
Dichlorodifluoromethane	30.320	0.50	20.00	3.150	136	67	147				
Ethylbenzene	24.390	0.50	20.00	0	122	80	122				
Freon-113	28.230	0.50	20.00	0	141	63	152				
Hexachlorobutadiene	24.440	0.50	20.00	0	122	71	129				
Isopropylbenzene	26.570	0.50	20.00	0	133	77	133				
m,p-Xylene	49.680	1.0	40.00	0	124	80	129				
Methylene chloride	22.640	2.0	20.00	0	113	64	138				
MTBE	23.260	0.50	20.00	0	116	68	130				
n-Butylbenzene	26.600	0.50	20.00	0	133	76	140				
n-Propylbenzene	25.900	0.50	20.00	0	130	78	134				
Naphthalene	21.890	0.50	20.00	0	109	52	131				
o-Xylene	24.060	0.50	20.00	0	120	80	121				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out	Calculations are based on raw values			

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: N035230-003AMS	SampType: MS	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: ZZZZZZ	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361575						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	27.090	0.50	20.00	0	135	76	139				
Styrene	22.490	0.50	20.00	0	112	55	134				
tert-Butylbenzene	26.450	0.50	20.00	0	132	77	133				
Tetrachloroethene	26.410	0.50	20.00	0.4400	130	75	133				
Toluene	23.870	0.50	20.00	0	119	80	120				
trans-1,2-Dichloroethene	25.170	0.50	20.00	0	126	70	132				
Trichloroethene	27.860	0.50	20.00	2.840	125	78	127				
Trichlorofluoromethane	32.810	0.50	20.00	4.690	141	66	151				
Vinyl chloride	24.720	0.50	20.00	0	124	63	143				
Surr: 1,2-Dichloroethane-d4	24.350		25.00		97.4	75	130				
Surr: 4-Bromofluorobenzene	25.010		25.00		100	80	120				
Surr: Dibromofluoromethane	24.680		25.00		98.7	80	128				
Surr: Toluene-d8	25.230		25.00		101	80	120				

Sample ID: N035230-003AMSD	SampType: MSD	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: ZZZZZZ	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361576						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	23.070	0.50	20.00	0	115	80	124	24.57	6.30	20	
1,1,1-Trichloroethane	23.700	0.50	20.00	0	118	73	136	25.41	6.96	20	
1,1,2,2-Tetrachloroethane	22.460	0.50	20.00	0	112	77	124	23.88	6.13	20	
1,1,2-Trichloroethane	21.680	0.50	20.00	0	108	79	120	22.56	3.98	20	
1,1-Dichloroethane	22.740	0.50	20.00	0	114	58	141	23.36	2.69	20	
1,1-Dichloroethene	23.830	0.50	20.00	0	119	59	143	25.71	7.59	20	
1,1-Dichloropropene	23.960	0.50	20.00	0	120	77	134	26.04	8.32	20	
1,2,3-Trichlorobenzene	23.210	0.50	20.00	0	116	77	129	24.70	6.22	20	
1,2,3-Trichloropropane	21.760	0.50	20.00	0	109	79	120	22.66	4.05	20	
1,2,4-Trichlorobenzene	23.510	0.50	20.00	0	118	79	123	24.72	5.02	20	
1,2,4-Trimethylbenzene	22.980	0.50	20.00	0	115	48	148	24.93	8.14	20	
1,2-Dibromo-3-chloropropane	21.220	1.0	20.00	0	106	71	130	21.91	3.20	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: N035230-003AMSD	SampType: MSD	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: ZZZZZZ	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361576						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	22.430	0.50	20.00	0	112	80	121	23.98	6.68	20	
1,2-Dichlorobenzene	22.400	0.50	20.00	0	112	80	120	23.46	4.62	20	
1,2-Dichloroethane	21.780	0.50	20.00	0	109	80	120	22.97	5.32	20	
1,2-Dichloropropane	22.090	0.50	20.00	0	110	79	120	23.01	4.08	20	
1,3,5-Trimethylbenzene	23.620	0.50	20.00	0	118	68	138	25.61	8.08	20	
1,3-Dichlorobenzene	23.320	0.50	20.00	0	117	80	120	24.20	3.70	20	
1,3-Dichloropropane	22.710	0.50	20.00	0	114	80	120	23.43	3.12	20	
1,4-Dichlorobenzene	22.760	0.50	20.00	0	114	85	115	24.09	5.68	20	
2,2-Dichloropropane	23.040	0.50	20.00	0	115	60	155	24.17	4.79	20	
2-Butanone	131.330	5.0	200.0	0	65.7	42	162	136.7	4.04	20	
2-Chlorotoluene	23.410	0.50	20.00	0	117	80	124	24.64	5.12	20	
4-Chlorotoluene	23.190	0.50	20.00	0	116	80	125	24.60	5.90	20	
4-Isopropyltoluene	24.880	0.50	20.00	0	124	74	135	26.76	7.28	20	
Benzene	23.390	0.50	20.00	0	117	80	122	24.90	6.25	20	
Bromobenzene	22.530	0.50	20.00	0	113	80	120	23.75	5.27	20	
Bromodichloromethane	21.760	0.50	20.00	0	109	80	123	23.35	7.05	20	
Bromoform	22.500	0.50	20.00	0	112	71	134	23.98	6.37	20	
Bromomethane	19.560	1.0	20.00	0	97.8	39	157	19.98	2.12	20	
Carbon tetrachloride	24.330	0.50	20.00	0	122	75	145	26.38	8.09	20	
Chlorobenzene	22.720	0.50	20.00	0	114	80	120	23.80	4.64	20	
Chloroethane	29.720	1.0	20.00	0	149	61	154	27.54	7.61	20	
Chloroform	24.810	0.50	20.00	1.920	114	72	120	25.50	2.74	20	
Chloromethane	20.890	0.50	20.00	0	104	58	140	20.43	2.23	20	
cis-1,2-Dichloroethene	22.770	0.50	20.00	0	114	76	121	23.20	1.87	20	
cis-1,3-Dichloropropene	22.200	0.50	20.00	0	111	80	123	23.20	4.41	20	
Dibromochloromethane	22.950	0.50	20.00	0	115	78	126	23.87	3.93	20	
Dibromomethane	21.550	0.50	20.00	0	108	80	120	23.03	6.64	20	
Dichlorodifluoromethane	28.200	0.50	20.00	3.150	125	67	147	30.32	7.25	20	
Ethylbenzene	23.030	0.50	20.00	0	115	80	122	24.39	5.74	20	
Freon-113	26.030	0.50	20.00	0	130	63	152	28.23	8.11	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: N035230-003AMSD	SampType: MSD	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: ZZZZZZ	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361576						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	22.440	0.50	20.00	0	112	71	129	24.44	8.53	20	
Isopropylbenzene	24.920	0.50	20.00	0	125	77	133	26.57	6.41	20	
m,p-Xylene	46.800	1.0	40.00	0	117	80	129	49.68	5.97	20	
Methylene chloride	22.040	2.0	20.00	0	110	64	138	22.64	2.69	20	
MTBE	22.640	0.50	20.00	0	113	68	130	23.26	2.70	20	
n-Butylbenzene	24.960	0.50	20.00	0	125	76	140	26.60	6.36	20	
n-Propylbenzene	24.150	0.50	20.00	0	121	78	134	25.90	6.99	20	
Naphthalene	20.330	0.50	20.00	0	102	52	131	21.89	7.39	20	
o-Xylene	22.980	0.50	20.00	0	115	80	121	24.06	4.59	20	
sec-Butylbenzene	25.140	0.50	20.00	0	126	76	139	27.09	7.47	20	
Styrene	20.390	0.50	20.00	0	102	55	134	22.49	9.79	20	
tert-Butylbenzene	24.780	0.50	20.00	0	124	77	133	26.45	6.52	20	
Tetrachloroethene	23.980	0.50	20.00	0.4400	118	75	133	26.41	9.64	20	
Toluene	22.490	0.50	20.00	0	112	80	120	23.87	5.95	20	
trans-1,2-Dichloroethene	24.130	0.50	20.00	0	121	70	132	25.17	4.22	20	
Trichloroethene	25.920	0.50	20.00	2.840	115	78	127	27.86	7.21	20	
Trichlorofluoromethane	30.030	0.50	20.00	4.690	127	66	151	32.81	8.85	20	
Vinyl chloride	23.700	0.50	20.00	0	118	63	143	24.72	4.21	20	
Surr: 1,2-Dichloroethane-d4	24.980		25.00		99.9	75	130		0		
Surr: 4-Bromofluorobenzene	25.660		25.00		103	80	120		0		
Surr: Dibromofluoromethane	25.590		25.00		102	80	128		0		
Surr: Toluene-d8	25.700		25.00		103	80	120		0		

Sample ID: R190423MB3	SampType: MBLK	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: PBW	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: R190423MB3	SampType: MBLK	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: PBW	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	1.0									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Butanone	ND	5.0									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	1.0									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	1.0									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: R190423MB3	SampType: MBLK	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: PBW	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Freon-113	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	2.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	27.680		25.00		111	75	130				
Surr: 4-Bromofluorobenzene	24.510		25.00		98.0	80	120				
Surr: Dibromofluoromethane	28.290		25.00		113	80	128				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035228
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: R190423MB3	SampType: MBLK	TestCode: 8260WATERP	Units: µg/L	Prep Date:	RunNo: 133414						
Client ID: PBW	Batch ID: R19VW037	TestNo: EPA 8260B		Analysis Date: 4/23/2019	SeqNo: 3361579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	26.260		25.00		105	80	120				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values



ASSET LABORATORIES

"Serving Clients with Passion and Professionalism"

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesian Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2924
EPA ID: CA01639

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert: NV000922
DRELAP/RELAP Cert 4046





BOWEN01
FOLDER

R: 4/19/2019

N035228-003A

1 of 1

Page 1 of 1

Client: Bowyer Environmental		Report to: Alan Malagon		Bill to: Bowyer Environmental		EDD Requirement		QA/QC		Sample Receipt Condition							
Address: 17011 Beach Boulevard 900		Company: Bowyer Environmental		Address:		<input checked="" type="checkbox"/> Excel EDD		<input type="checkbox"/> RTNE		<input type="checkbox"/> Y <input type="checkbox"/> N							
Address: Huntington Beach CA 92647		Email: ALAN.MALAGON@BOWYER-ENVIRONMENTAL.COM		Email to:		<input type="checkbox"/> GeoTracker		<input type="checkbox"/> RWQCB		<input type="checkbox"/> 1. Chilled <input checked="" type="checkbox"/>							
Phone: (909) 653-5585		Fax: (714) 494-1912		Phone:		<input type="checkbox"/> LabSpec		<input type="checkbox"/> CalTrans		<input type="checkbox"/> 2. HeadSpace <input type="checkbox"/>							
Submitted By: Alan Malagon		Address:		Fax:		<input type="checkbox"/> Others		<input type="checkbox"/> Level III		<input type="checkbox"/> 3. Container Intact <input checked="" type="checkbox"/>							
Title: Staff Engineer		Phone:		Fax:		Specify:		<input type="checkbox"/> LEVEL IV		<input type="checkbox"/> 4. Seal Present <input checked="" type="checkbox"/>							
Signature:  Date: 4/19/19		Sampler's Signature and Date:  4/19/19		Matrix		Analyses Requested		Regulatory		<input type="checkbox"/> 5. IR number 2							
I hereby authorize ASSET Labs to perform the tests indicated below:		I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.		<input type="checkbox"/> Ground <input type="checkbox"/> Sediment		TITLE 22 METALS 82606 VOCs TPH-9 TPH-2 TPH-MO PCB		<input type="checkbox"/> Turn Around Time		<input type="checkbox"/> 6. Method of Cooling ICE							
Project Name: 210 W Slauson		Sampler's Name: Alan Malagon		<input type="checkbox"/> Potable <input type="checkbox"/> Soil				<input type="checkbox"/> No. of container		Courier:							
Project Number: 580101				<input type="checkbox"/> NPDES <input type="checkbox"/> Other Solid				<input type="checkbox"/> Container Type		Tracking No.							
				<input type="checkbox"/> Surface				<input type="checkbox"/> PRESERVATION									
Item No.		Laboratory Work Order No.		Sample ID/Location		Date		Time		Water		Solid		Others		Remarks	
1		N035228-01		W-TB-1		4/19		12:27		<input checked="" type="checkbox"/>						39	
2		-02		W-TB-2		4/19		13:15		Free Product		X				34	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
Relinquished by (Signature and Printed Name): Alan Malagon		Date / Time: 4/19/19 1500		Received by (Signature and Printed Name): Eni Karla Sevilla		Date / Time: 4/19/19 1500		Turn Around Time (TAT)		Special Instruction: u9/L							
Relinquished by (Signature and Printed Name): Eni Karla Sevilla		Date / Time: 4/19/19 2030		Received by (Signature and Printed Name): LAV MORALES		Date / Time: 4/19/19 2030		<input type="checkbox"/> A < 24 Hrs or Same Day TAT									
Relinquished by (Signature and Printed Name): LAV MORALES		Date / Time: 4/19/19 0011		Received by (Signature and Printed Name): LAV MORALES		Date / Time: 4/19/19 0011		<input type="checkbox"/> B = Next Workday									
								<input type="checkbox"/> C = 2 Workdays									
								<input checked="" type="checkbox"/> D = 3 Workdays									
								<input type="checkbox"/> E = Routine 5-7 Workdays									
								TAT Starts at 8 AM the following day if samples received after 3:00 PM.									
Terms:		1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.		5. Trip Blanks and Equipment Blanks are blankable sample.		6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.		Preservatives:		Container Type:							
2. Regular TAT is 5-7 business days, surcharges will apply for non analysis.		3. Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%		7. Terms are net 30 days.		8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.		H = HCl N = HNO3 S = H2SO4 C <= 6°C		T = Tube V = VOA P = Pint							
4. Add 10% surcharge for Level II Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.				9. For subcontract analysis, TAT and Surcharges will vary.				Z = Zn(AC) O = NaOH T = Na2S2O3		J = Jar B = Tedlar G = Glass							
								Others/Specify:		M = Metal P = Plastic C = Can							

White = Laboratory Copy

Yellow = Customer's Copy

ED 012956 00001562-00252

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/19/2019

Workorder: N035228

Rep sample Temp (Deg C): 3.1

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: ASSET

Last 4 digits of Tracking No.: NA

Packing Material Used: Bubble Wrap

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|--|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments: Sample 1 (W-TB-1) for Metals received at pH 4 and adjusted to pH < 2 with HNO₃.

For:

Checklist Completed By: RM

YLT 4/22/2019

Reviewed By:

MSC 4/23/2019

ASSET Laboratories

WORK ORDER Summary

22-Apr-19

WorkOrder: N035228

Client ID: BOWEN01

Project: 210 W Slauson, 580101

QC Level: RTNE

Date Received: 4/19/2019

Comments: ug/L

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035228-001A	W-TB-1	4/19/2019 12:27:00 PM	4/24/2019	Water	EPA 3010A	AQPREP TOTAL METALS: ICP, FLAA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/24/2019		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/24/2019			MERCURY PREP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/24/2019		EPA 7470A	TOTAL MERCURY BY COLD VAPOR TECHNIQUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N035228-001B			4/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
			4/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N035228-001C			4/24/2019		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: PESTICIDE/PCB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/24/2019		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			4/24/2019		EPA 8082	PCBs BY GC/ECD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N035228-002A	W-TB-2	4/19/2019 1:15:00 PM	4/24/2019	Others	EPA 3580A	WASTE DILUTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/24/2019		EPA 8015B	DIESEL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			4/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N035228-002B							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N035228-003A	FOLDER	4/24/2019	4/24/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/24/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

Marianne Santos

From: Marianne Santos [marianne@assetlaboratories.com]
Sent: Monday, April 22, 2019 6:28 PM
To: 'Alan Malagon'
Subject: N035228
Attachments: N035228_COC.PDF

Hi Alan,

Please note the following for sample 2 (W-TB-2) – see attachment for referenced COC:

-The free product matrix is liquid, therefore TPHgas requires the sample to be unpreserved. We took a sample from the unpreserved 1L Amber, designated for TPH diesel/oil, and proceeded to analyze for TPHgas.

Thanks,

Marianne Santos

Project Manager

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

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April 25, 2019

Alan Malagon
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd
Suite 900
Huntington Beach, CA 92647
TEL: 877 232 4620
FAX:

Workorder No.: N035258

RE: 210 W Slauson, 580101

Enclosed are the results for sample(s) received on April 24, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

for


Puri Romualdo
Laboratory Director

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ORELAP/NELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.**Project:** 210 W Slauson, 580101**Lab Order:** N035258**CASE NARRATIVE****SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Sample was analyzed within method holding time.

This is an addendum for work order N035228.

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ASSET Laboratories

Date: 25-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Project: 210 W Slauson, 580101

Lab Order: N035258

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N035258-001A	W-TB-2	Others	4/19/2019 1:15:00 PM	4/24/2019	4/25/2019



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ASSET Laboratories
ANALYTICAL RESULTS

Print Date: 25-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: W-TB-2

Lab Order: N035258

Collection Date: 4/19/2019 1:15:00 PM

Project: 210 W Slauson, 580101

Matrix: OTHERS

Lab ID: N035258-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

IGNITABILITY BY SETAFLASH CLOSED-CUP
EPA 1020A

RunID: NV00922-WC_190425E

QC Batch: R133473

PrepDate:

Analyst: CEI

Ignitability

48.0

0

DEG F

1

4/25/2019

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

E Value above quantitation range

ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified


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"Serving Clients with Passion and Professionalism"

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035258
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT**TestCode: 1020a**

Sample ID: LCS-R133473	SampType: LCS	TestCode: 1020a	Units: DEG F	Prep Date:	RunNo: 133473						
Client ID: LCSW	Batch ID: R133473	TestNo: EPA 1020A	Analysis Date: 4/25/2019	SeqNo: 3363760							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	81.000	0	81.00	0	100	85	115				

Sample ID: LCSD-R133473	SampType: LCSD	TestCode: 1020a	Units: DEG F	Prep Date:	RunNo: 133473						
Client ID: LCSS02	Batch ID: R133473	TestNo: EPA 1020A	Analysis Date: 4/25/2019	SeqNo: 3363761							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	80.000	0	81.00	0	98.8	85	115	81.00	1.24	10	

Sample ID: N035258-001ADUP	SampType: DUP	TestCode: 1020a	Units: DEG F	Prep Date:	RunNo: 133473						
Client ID: ZZZZZZ	Batch ID: R133473	TestNo: EPA 1020A	Analysis Date: 4/25/2019	SeqNo: 3363763							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	51.000	0						48.00	6.06	10	

Sample ID: N035265-001ADUP	SampType: DUP	TestCode: 1020A	Units: DEG F	Prep Date:	RunNo: 133473						
Client ID: ZZZZZZ	Batch ID: R133473	TestNo: EPA 1020A	Analysis Date: 4/25/2019	SeqNo: 3363766							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	178.000	0						175.0	1.70	10	

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

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"Serving Clients with Passion and Professionalism"

Subject: RE: FW: 210 W. Slauson
From: "Marianne Santos" <marianne@assetlaboratories.com>
Date: 4/24/2019 2:23 PM
To: "Yoandra Rodriguez" <yoandra@assetlaboratories.com>, "ASSET CA Sample Control" <samplecontrol@assetlaboratories.com>

Hi Yoandra,

Confirmed.

Thanks,

Marianne Santos
Project Manager
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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From: Yoandra Rodriguez [mailto:yoandra@assetlaboratories.com]
Sent: Wednesday, April 24, 2019 12:22 PM
To: Marianne Santos; ASSET CA Sample Control
Subject: Re: FW: 210 W. Slauson

Hi Marianne,

N035228 free product can be done here by 1020. Pls confirm.

Thanks

On 4/24/2019 9:47 AM, Marianne Santos wrote:

Hi Remote,

Please process client's request on new work orders, due 4/25/19.
Sample 2 for N035228 has been consumed, and the client will take more samples today.

Hi Yoandra,

Please send SW-D-Comp, SW-B-Comp, W-TB-2, to BC Labs for Ignitability for 24 hour Rush, due 4/26/19.

Thanks,

Marianne Santos
Project Manager
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691

California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

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From: Brett Bowyer [<mailto:brettbowyer@bowyerenvironmental.com>]
Sent: Wednesday, April 24, 2019 8:49 AM
To: 'Marianne Santos'
Cc: Thad Malit; Alan Malagon
Subject: 210 W. Slauson

Hi Marianne,

For Lab No. NO35205, please analyze the following samples for ignitability:

- SW-D-Comp
- SW-B-Comp

Also for Lab No. NO35228, please analyze the following samples for Flash Point:

- W-TB-1
- W-TB-2

We need these results done on a rush (next business day) basis.

Thank you.

Brett Bowyer, P.G.



**BOWYER ENVIRONMENTAL
CONSULTING, INC.**

17011 Beach Boulevard, Suite 900

Huntington Beach, CA 92647

Office: (877) 232-4620 Ext. 101

Cell: (714) 878-7191

FAX: (714)494-1912

To send large files to Brett Bowyer through the BEC drop box click on the following link:

<https://spaces.hightail.com/uplink/BECdropbox>

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This e-mail may contain material that is confidential, privileged and/or attorney work product for the sole use of the intended recipient(s). All information transmitted hereby is intended solely for the viewing and use of the addressee(s) named above. If you are not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any further reading, printing, copying or other distribution of this message is strictly prohibited. If you have received this message in error, please notify us immediately by telephone or reply e-mail and delete the message from your e-mail system.

ASSET Laboratories

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.


Change Order Checklist

Client Name: **BOWEN01**

Date / Time Created: **4/24/2019 2:35:56 PM**

Work Order Number: **N035258**

Created by: **YR**

Checklist completed by:		4/24/2019	Reviewed by:	MCS	4/24/19
	Signature	Date		Initials	Date

- | | | |
|--|---|-----------------------------|
| 1. All samples within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2. Refrigerator temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 3. Change Order documents present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

Comments:

ASSET Laboratories

WORK ORDER Summary

24-Apr-19

WorkOrder: N035258

Client ID: BOWEN01

Project: 210 W Slauson, 580101

QC Level: RTNE

Date Received: 4/24/2019

Comments: Addendum WO for N035228

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035258-001A	W-TB-2	4/19/2019 1:15:00 PM	4/25/2019	Others	EPA 1020A	IGNITABILITY BY SETAFLASH CLOSED-CUP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N035258-002A	FOLDER	4/25/2019	4/25/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/25/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

April 25, 2019

Alan Malagon/Brett Bowyer
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd
Suite 900
Huntington Beach, CA 92647
TEL: 877 232 4620
FAX:

Workorder No.: N035265

RE: 210 W Slauson, 580101

Enclosed are the results for sample(s) received on April 24, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

for


Puri Romualdo
Laboratory Director

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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: Bowyer Environmental Consulting, Inc.**Project:** 210 W Slauson, 580101**Lab Order:** N035265**CASE NARRATIVE****SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Sample was analyzed within method holding time.

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ASSET Laboratories

Date: 25-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Project: 210 W Slauson, 580101

Lab Order: N035265

Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N035265-001A	W-TB-1A	Water	4/24/2019 11:40:00 AM	4/24/2019	4/25/2019



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ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 25-Apr-19

CLIENT: Bowyer Environmental Consulting, Inc.

Client Sample ID: W-TB-1A

Lab Order: N035265

Collection Date: 4/24/2019 11:40:00 AM

Project: 210 W Slauson, 580101

Matrix: WATER

Lab ID: N035265-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

IGNITABILITY BY SETAFLASH CLOSED-CUP

EPA 1020A

RunID: NV00922-WC_190425E

QC Batch: R133473

PrepDate:

Analyst: CEI

Ignitability

175

0

DEG F

1

4/25/2019

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N035265
Project: 210 W Slauson, 580101

ANALYTICAL QC SUMMARY REPORT**TestCode: 1020a**

Sample ID: LCS-R133473	SampType: LCS	TestCode: 1020a	Units: DEG F	Prep Date:	RunNo: 133473						
Client ID: LCSW	Batch ID: R133473	TestNo: EPA 1020A	Analysis Date: 4/25/2019	SeqNo: 3363760							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	81.000	0	81.00	0	100	85	115				

Sample ID: LCSD-R133473	SampType: LCSD	TestCode: 1020a	Units: DEG F	Prep Date:	RunNo: 133473						
Client ID: LCSS02	Batch ID: R133473	TestNo: EPA 1020A	Analysis Date: 4/25/2019	SeqNo: 3363761							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	80.000	0	81.00	0	98.8	85	115	81.00	1.24	10	

Sample ID: N035258-001ADUP	SampType: DUP	TestCode: 1020a	Units: DEG F	Prep Date:	RunNo: 133473						
Client ID: ZZZZZZ	Batch ID: R133473	TestNo: EPA 1020A	Analysis Date: 4/25/2019	SeqNo: 3363763							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	51.000	0						48.00	6.06	10	

Sample ID: N035265-001ADUP	SampType: DUP	TestCode: 1020A	Units: DEG F	Prep Date:	RunNo: 133473						
Client ID: ZZZZZZ	Batch ID: R133473	TestNo: EPA 1020A	Analysis Date: 4/25/2019	SeqNo: 3363766							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	178.000	0						175.0	1.70	10	

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

E Value above quantitation range
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

Calculations are based on raw values

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ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 4/24/2019

Workorder: N035265

Rep sample Temp (Deg C): 1.4

IR Gun ID: 2

Temp Blank: ☒ Yes ☐ No

Carrier name: Golden State Overnight

Last 4 digits of Tracking No.: 8876

Packing Material Used: Bubble Wrap

Cooling process: ☒ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

For

Checklist Completed By:

RM

[Signature]

4/25/2019

Reviewed By:

MCS 4/25/19

ASSET Laboratories

WORK ORDER Summary

25-Apr-19

Client ID: BOWEN01

WorkOrder: N035265

Project: 210 W Slauson, 580101

QC Level: RTNE

Date Received: 4/24/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035265-001A	W-TB-1A	4/24/2019 11:40:00 AM	4/25/2019	Water	EPA 1020A	IGNITABILITY BY SETAFLASH CLOSED-CUP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N035265-002A	FOLDER	4/25/2019	4/25/2019		EDD	ATL inhouse excel file EDD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/25/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/25/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB



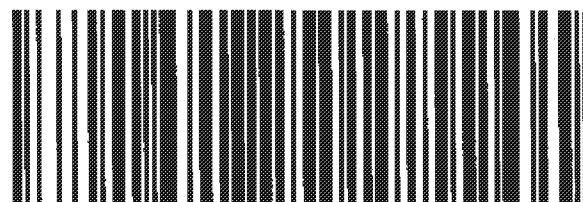
800-322-5555
www.gso.com

Ship From

ASSET LABORATORIES
MARIANNE SANTOS
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 544578876**CPS****Ship To**

ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LVS
LAS VEGAS**A****COD: \$0.00****Weight: 0 lb(s)****Reference:****C89102A****Delivery Instructions:****HOLD FOR PICK UP****Signature Type: STANDARD**

1749540

Print Date: 4/24/2019 6:10 PM

Package 2 of 2

LABEL INSTRUCTIONS:**Do not copy or reprint this label for additional shipments - each package must have a unique barcode.**

Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.

Step 2: Fold this page in half.

Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.

1.44

April 29, 2019

Alan Malagon/Matt Kaczmarek
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd
Suite 900
Huntington Beach, CA 92647
TEL: 877 232 4620
FAX:

Workorder No.: N035257

RE: 210 Slauson, 580101

Enclosed are the results for sample(s) received on April 24, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if we can be of further assistance to your company.

Sincerely,

for


Puri Romualdo
Laboratory Director



ASSET LABORATORIES
AN ISO 17025 CERTIFIED LABORATORY

"Serving Clients with Passion and Professionalism"

CALIFORNIA | P: 562.219.7435 F: 562.219.7436
11110 Artesia Blvd., Ste B, Cerritos, CA 90703
ELAP Cert 2921
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691
3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

AssetLabs Sample Control

From: Marianne Santos <marianne@assetlaboratories.com>
Sent: Wednesday, April 24, 2019 9:47 AM
To: ASSET CA Sample Control
Cc: yoandra@assetlaboratories.com
Subject: FW: 210 W. Slauson

Hi Remote,

Please process client's request on new work orders, due 4/25/19.
Sample 2 for N035228 has been consumed, and the client will take more samples today.

Hi Yoandra,

Please send SW-D-Comp, SW-B-Comp, W-TB-2, to BC Labs for Ignitability for 24 hour Rush, due 4/26/19.

Thanks,

Marianne Santos
Project Manager
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

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From: Brett Bowyer [<mailto:brettbowyer@bowyerenvironmental.com>]
Sent: Wednesday, April 24, 2019 8:49 AM
To: 'Marianne Santos'
Cc: Thad Malit; Alan Malagon
Subject: 210 W. Slauson

Hi Marianne,

For Lab No. N035205, please analyze the following samples for ignitability:

- SW-D-Comp
- SW-B-Comp

Also for Lab No. N035228, please analyze the following samples for Flash Point:

- W-TB-1
- W-TB-2

We need these results done on a rush (next business day) basis.

Thank you.

Brett Bowyer, P.G.



**BOWYER ENVIRONMENTAL
CONSULTING, INC.**

17011 Beach Boulevard, Suite 900

Huntington Beach, CA 92647

Office: (877) 232-4620 Ext. 101

Cell: (714) 878-7191

FAX: (714) 494-1912

To send large files to Brett Bowyer through the BEC drop box click on the following link:

<https://spaces.hightail.com/uplink/BECdropbox>

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This e-mail may contain material that is confidential, privileged and/or attorney work product for the sole use of the intended recipient(s). All information transmitted hereby is intended solely for the viewing and use of the addressee(s) named above. If you are not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any further reading, printing, copying or other distribution of this message is strictly prohibited. If you have received this message in error, please notify us immediately by telephone or reply e-mail and delete the message from your e-mail system.

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ASSET Laboratories

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

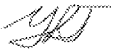
Change Order Checklist

Client Name: **BOWEN01**

Date / Time Created: **4/24/2019 3:03:15 PM**

Work Order Number: **N035257**

Created by: **YR**

Checklist completed by:		4/24/2019	Reviewed by:	MCS	4/24/19
	Signature	Date		Initials	Date

- | | | |
|--|---|-----------------------------|
| 1. All samples within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2. Refrigerator temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 3. Change Order documents present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

Comments:

ASSET Laboratories

WORK ORDER Summary

24-Apr-19

WorkOrder: N035257

Client ID: BOWEN01

Project: 210 Slauson, 580101

QC Level: RTNE

Date Received: 4/24/2019

Comments: Addendum WO for N035205

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N035257-001A	SW-D-Comp	4/18/2019 8:30:00 AM	4/26/2019	Solid	EPA 1030	IGNITABILITY OF SOLIDS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N035257-002A	SW-B-Comp	4/18/2019 9:24:00 AM	4/26/2019		EPA 1030	IGNITABILITY OF SOLIDS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SUB
N035257-003A	FOLDER	4/26/2019	4/26/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			4/26/2019		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

**ASSET Laboratories**

3151-3153 W Post Rd., Las Vegas, NV 89118

www.atl-labs.com

TEL: 7023072659

FAX: 7023072691

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

QC Level: RTNE**Subcontractor:**BC Labs
4100 Atlas Court
Bakersfield, CA 93308TEL: (661) 327-4911
FAX: (661) 327-1918
Acct #:

Field Sampler: Signed

24-Apr-19


Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests		
				EPA 1030		
N035257-001A / SW-D-Comp	Solid	4/18/2019 8:30:00 AM	4OZG	1		
N035257-002A / SW-B-Comp	Solid	4/18/2019 9:24:00 AM	4OZG	1		

General Comments: Please email sample receipt acknowledgement to the PM. Please cc andrea.gallardo@assetlaboratories.com

Please use PO#: N35257A Please email Invoices and Account Receivable Statements to elvira@assetlaboratories.com. For questions, call Marianne Santos at (562)-219-7435. Please e-mail results to reports@assetlaboratories.com by: 24 h Rush, Due 4/26/19.

Please analyze for Ignitability.

GSO #: 544575081

	Date/Time		Date/Time
Relinquished by: 	4/24/2019 17:00	Received by: _____	_____
Relinquished by: _____	_____	Received by: _____	_____

Date of Report: 04/26/2019

Marianne Santos

Asset Laboratories, Inc.-Cerritos
11110 Artesia Blvd., Suite B
Cerritos, CA 90703

Client Project: N035257

BCL Project: Cerritos

BCL Work Order: 1913080

Invoice ID:

Enclosed are the results of analyses for samples received by the laboratory on 4/25/2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Vanessa Sandoval
Client Service Rep



Stuart Buttram
Technical Director

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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Asset Laboratories, Inc.-Cerritos
11110 Artesia Blvd., Suite B
Cerritos, CA 90703

Reported: 04/26/2019 15:07
Project: Cerritos
Project Number: N035257
Project Manager: Marianne Santos

Laboratory / Client Sample Cross Reference

Laboratory ID	Client Sample Information			
1913080-01	COC Number:	---	Receive Date:	04/25/2019 09:18
	Project Number:	---	Sampling Date:	04/18/2019 08:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	N035257-001A / SW-D-Comp	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1913080-02	COC Number:	---	Receive Date:	04/25/2019 09:18
	Project Number:	---	Sampling Date:	04/18/2019 09:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	N035257-002A / SW-B-Comp	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

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Asset Laboratories, Inc.-Cerritos
11110 Artesia Blvd., Suite B
Cerritos, CA 90703

Reported: 04/26/2019 15:07
Project: Cerritos
Project Number: N035257
Project Manager: Marianne Santos

Chemical Analysis

BCL Sample ID:	1913080-01	Client Sample Name:	N035257-001A / SW-D-Comp, 4/18/2019 8:30:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Burning Rate	Not Ignitable	mm/sec	0.010	EPA-1030			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-1030	04/25/19 14:20	04/25/19 14:20	JKS	MANUAL	1	B044626

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Asset Laboratories, Inc.-Cerritos
11110 Artesia Blvd., Suite B
Cerritos, CA 90703

Reported: 04/26/2019 15:07
Project: Cerritos
Project Number: N035257
Project Manager: Marianne Santos

Chemical Analysis

BCL Sample ID:	1913080-02	Client Sample Name:	N035257-002A / SW-B-Comp, 4/18/2019 9:24:00AM				
Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Burning Rate	Not Ignitable	mm/sec	0.010	EPA-1030			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-1030	04/25/19 14:20	04/25/19 14:20	JKS	MANUAL	1	B044626

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Asset Laboratories, Inc.-Cerritos
11110 Artesia Blvd., Suite B
Cerritos, CA 90703

Reported: 04/26/2019 15:07
Project: Cerritos
Project Number: N035257
Project Manager: Marianne Santos

Chemical Analysis

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B044626		Used client sample: N									
Burning Rate	DUP	1911700-01	Not Ignitable	Not Ignitable		mm/sec			30		

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Asset Laboratories, Inc.-Cerritos
11110 Artesia Blvd., Suite B
Cerritos, CA 90703

Reported: 04/26/2019 15:07
Project: Cerritos
Project Number: N035257
Project Manager: Marianne Santos

Notes And Definitions

MDL Method Detection Limit
PQL Practical Quantitation Limit

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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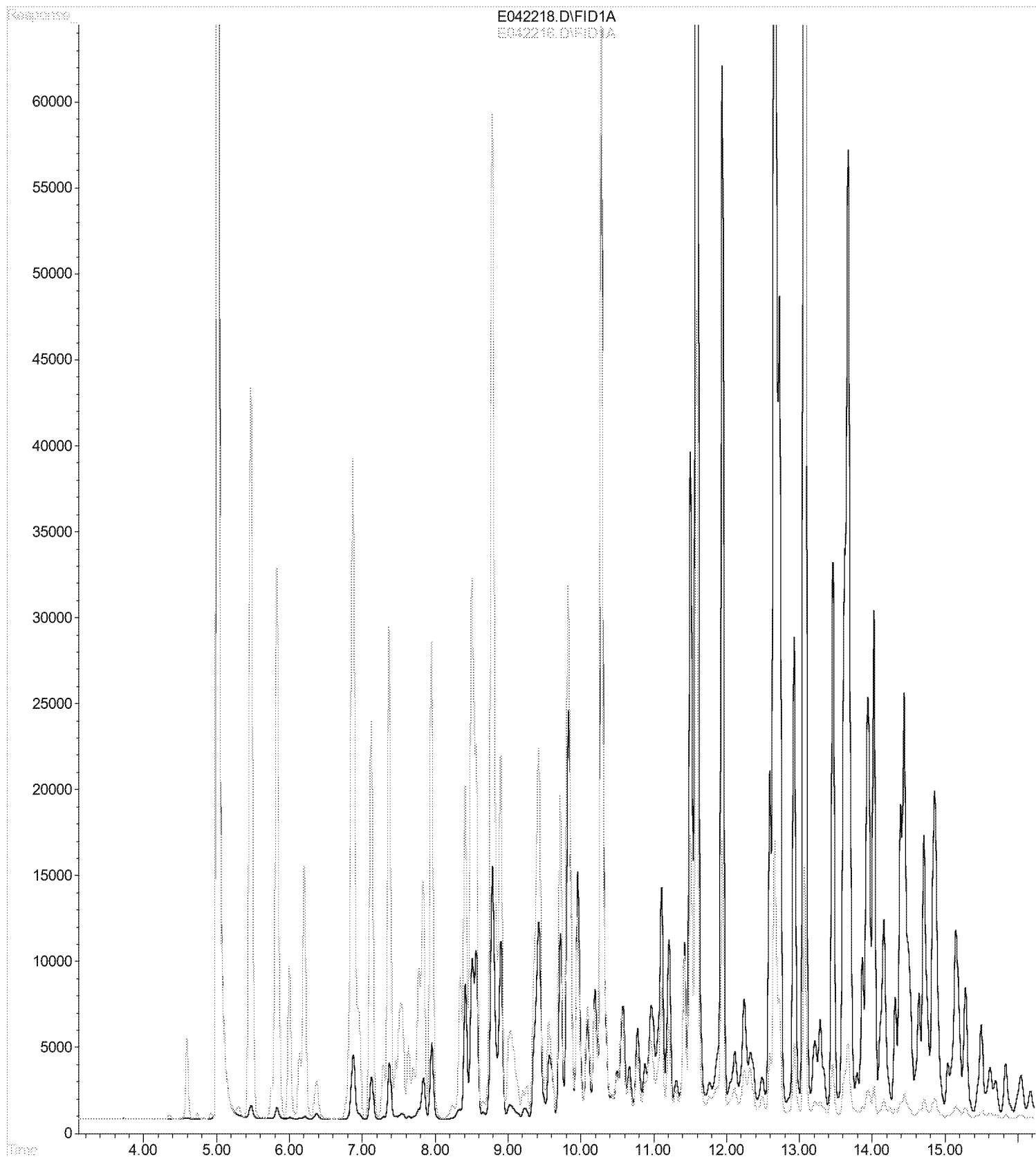
Appendix F

*Chromatographs of Hydrocarbon Analyses of
Containerized Material*

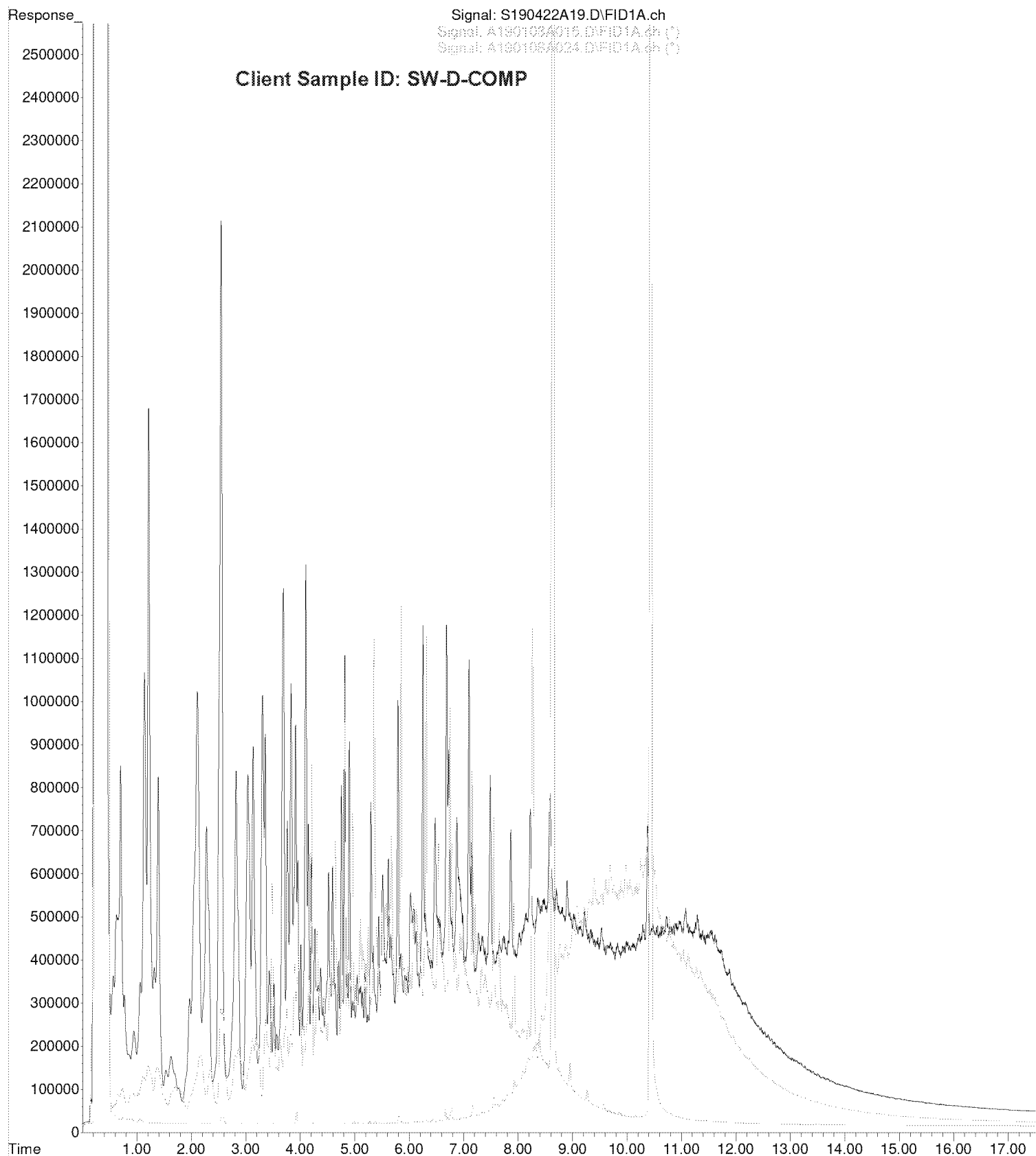
File : D:\DATA\3\E190422\E042218.D
Operator : QBM
Acquired : 22 Apr 2019 7:51 pm using AcqMethod N2_ACQ.M
Instrument : GC GAS
Sample Name: ,N035205-001E,SAMP,
Misc Info : ,500,E19VS065,10uL(5g>5mL),
Vial Number: 18

Black -N035205-1
Green - 10ppm gasoline standard

SW-D-1



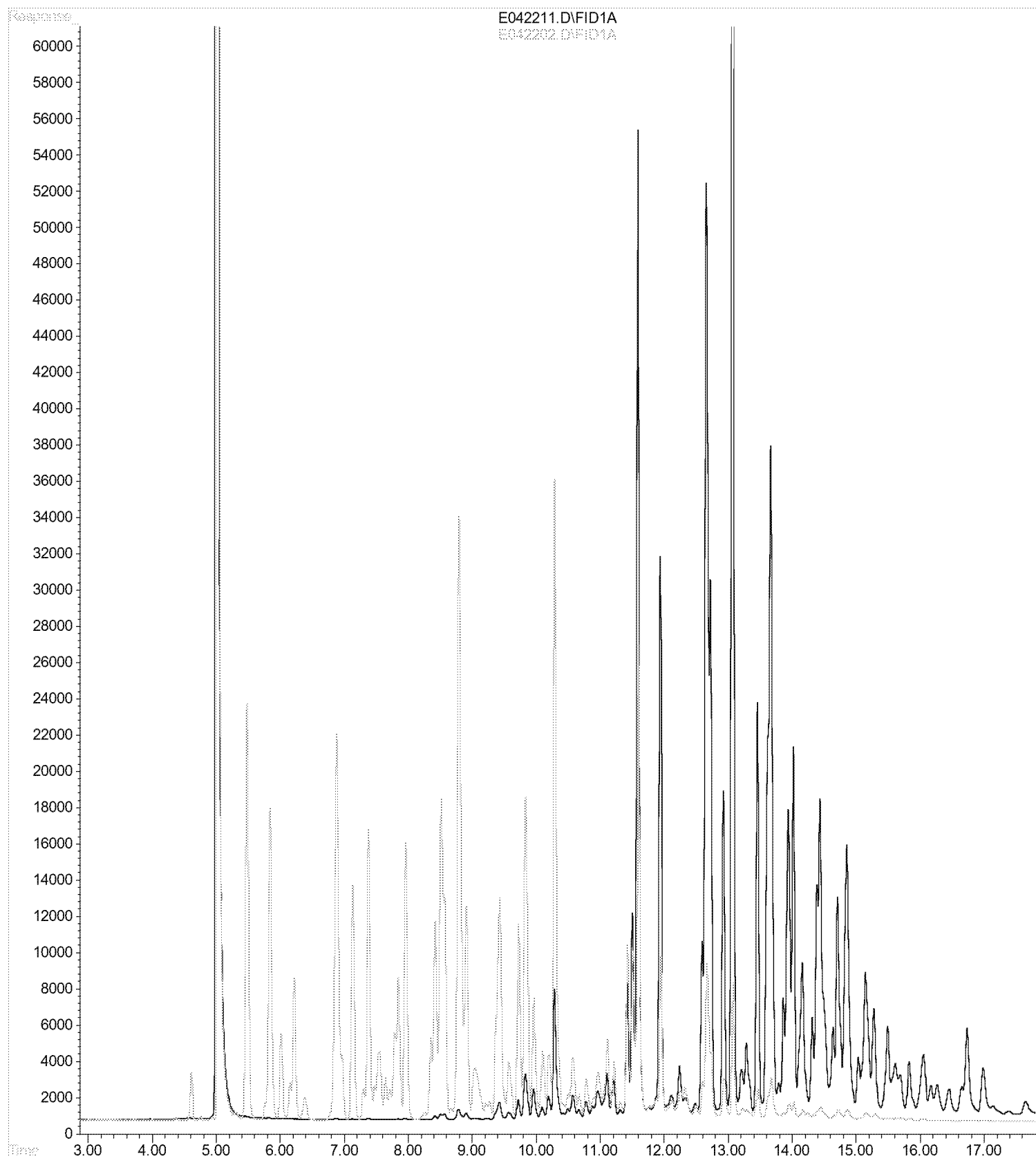
File :C:\msdchem\3\data\S190422A\S190422A19.D
Operator : MDM/LRR
Acquired : 22 Apr 2019 4:47 pm using AcqMethod EPA8015 _ACQ.M
Instrument : GC-10 (FID)
Sample Name: ,N035205-006A,SAMP, VS ICAL-DRO @ 1000ppm(GREEN) VS ICAL-ORO @ 1000ppm(BLUE)
Misc Info : ,10,73479,SOIL,0.1>1ML,
Vial Number: 14



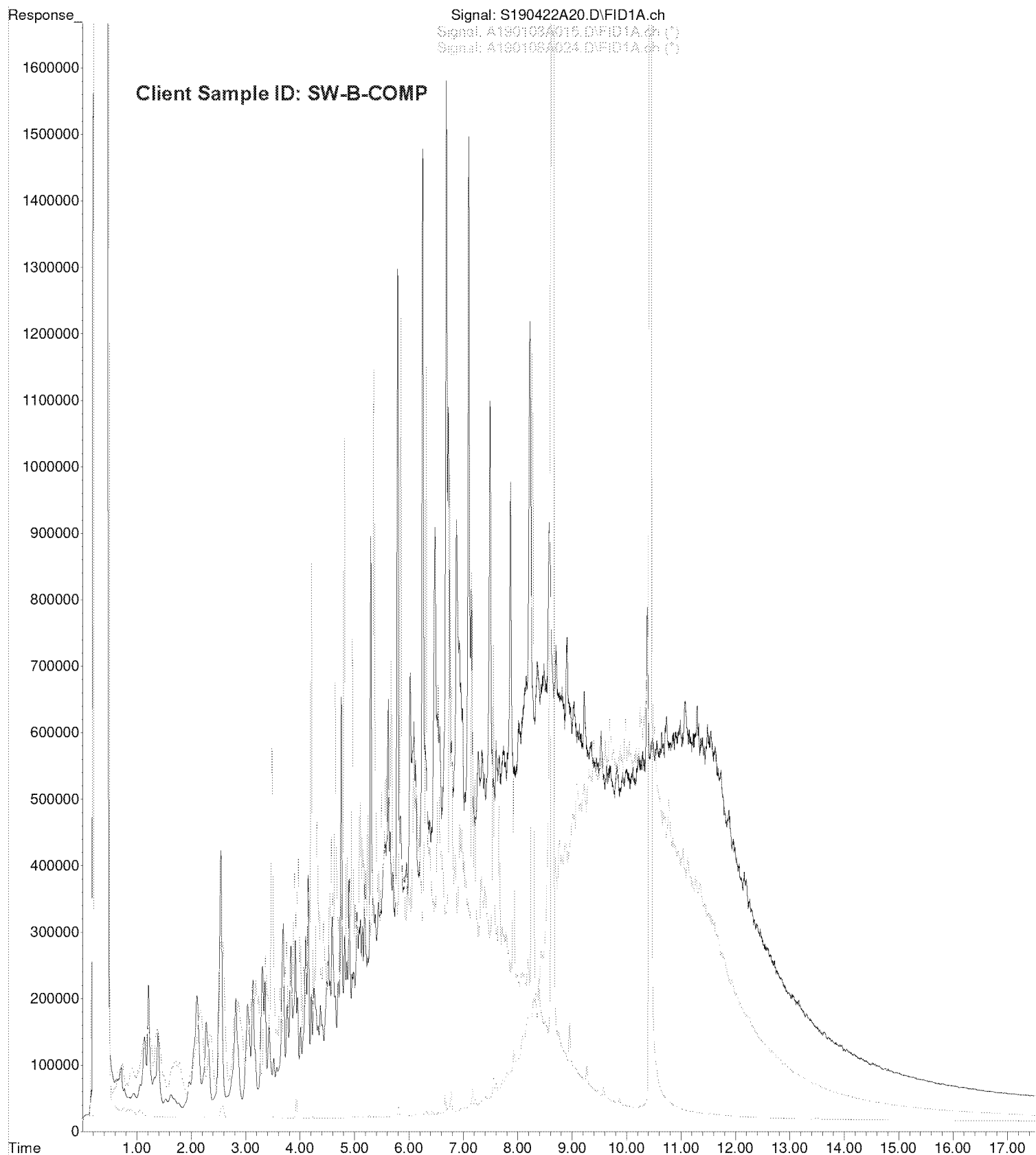
File : D:\DATA\3\E190422\E042211.D
Operator : QBM
Acquired : 22 Apr 2019 4:05 pm using AcqMethod N2_ACQ.M
Instrument : GC GAS
Sample Name: ,N035205-007E,SAMP,
Misc Info : ,200,E19VS065,25uL(5g>5mL),
Vial Number: 11

Black - N035205-7
Green - 5ppm gasoline standard

SW-B-1

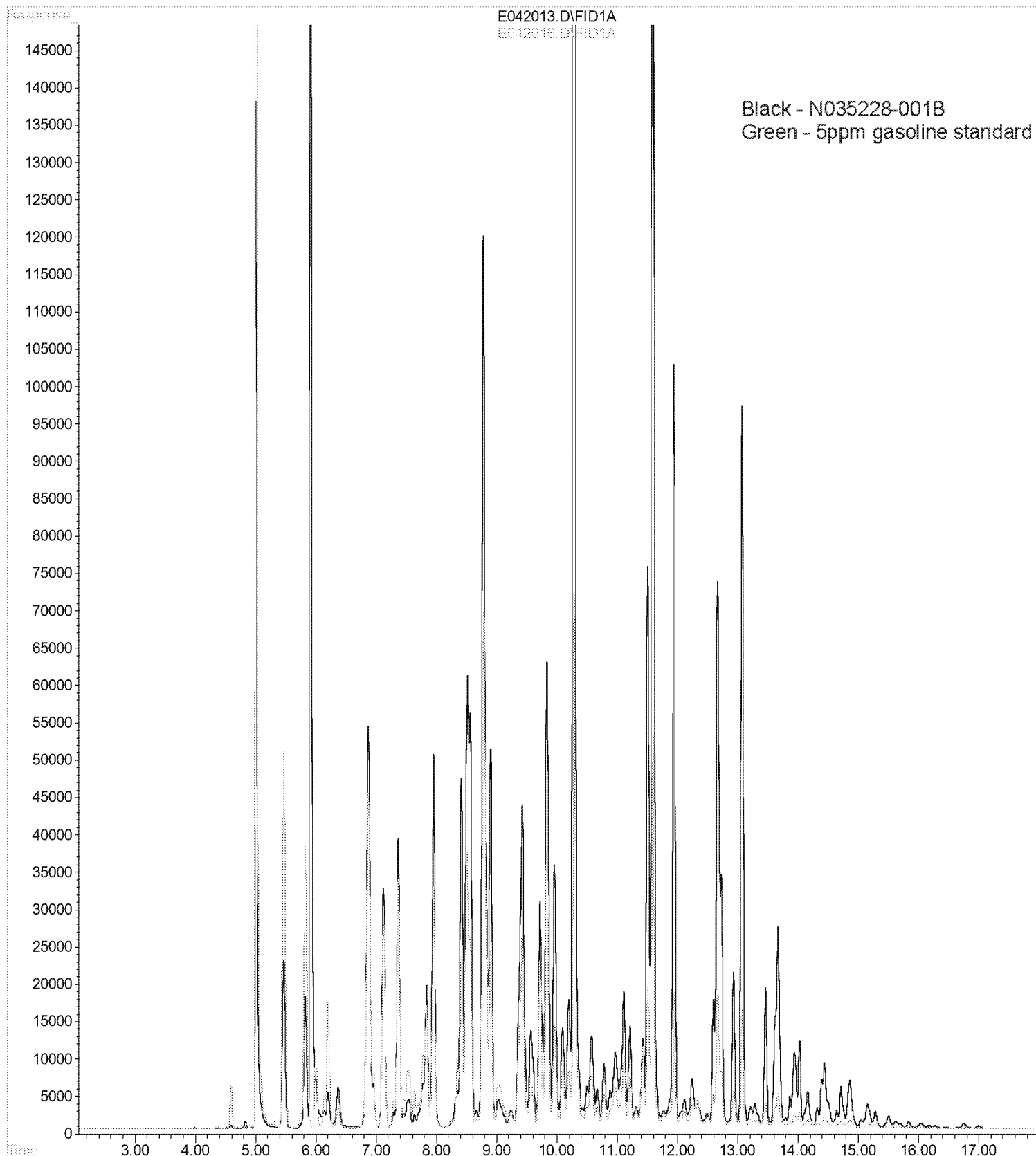


File :C:\msdchem\3\data\S190422A\S190422A20.D
Operator : MDM/LRR
Acquired : 22 Apr 2019 5:10 pm using AcqMethod EPA8015 _ACQ.M
Instrument : GC-10 (FID)
Sample Name: ,N035205-012A, SAMP, VS ICAL-DRO @ 1000ppm(GREEN) VS ICAL-ORO @ 1000ppm(BLUE)
Misc Info : ,20,73479,SOIL,0.05>1ML,
Vial Number: 15

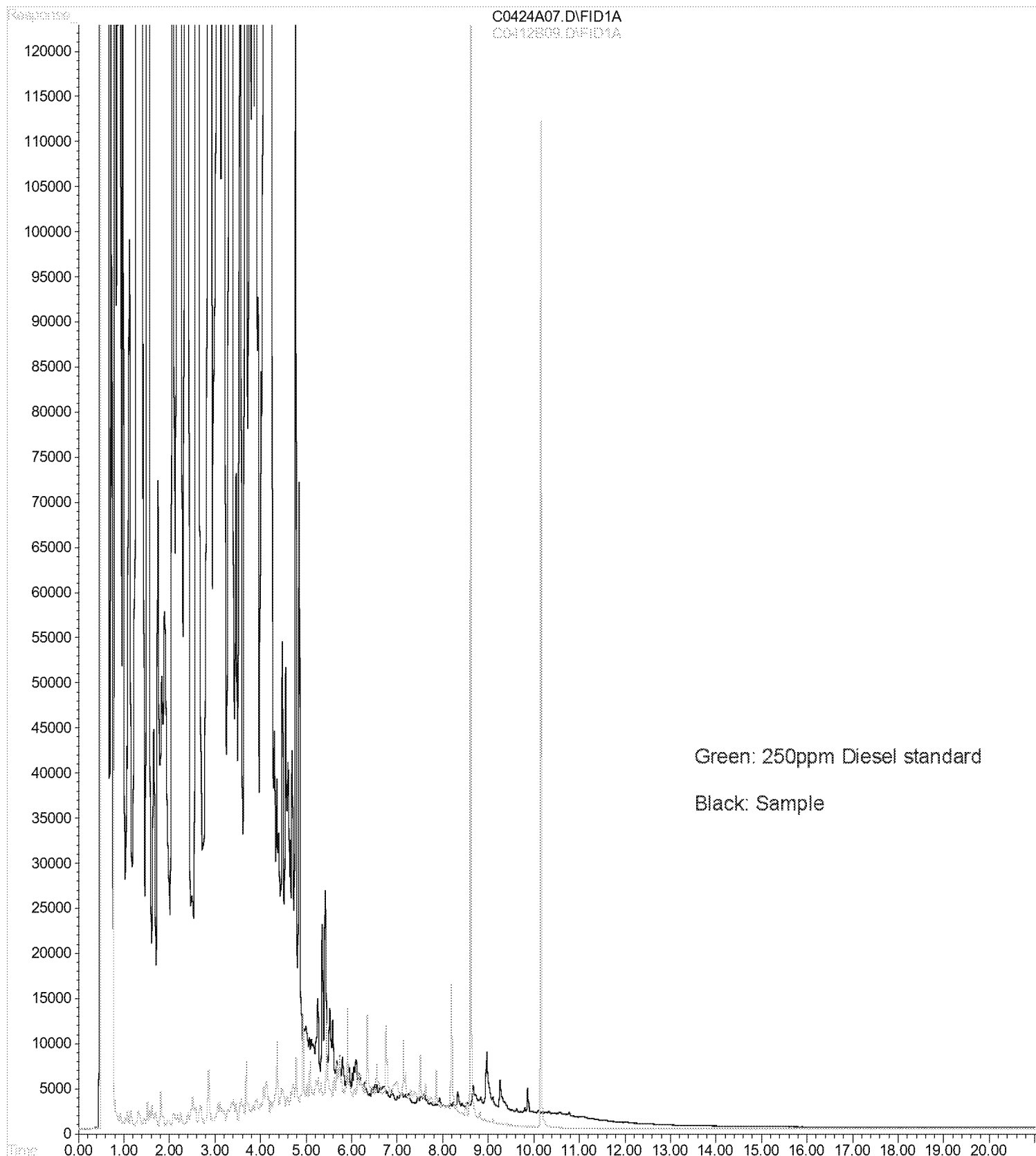


File : D:\DATA\3\E190420\E042013.D
Operator : QBM
Acquired : 20 Apr 2019 4:11 pm using AcqMethod N2_ACQ.M
Instrument : GC GAS 1B
Sample Name: ,N035228-001C,SAMP,
Misc Info : ,100,E19VW023,VIAL 1,
Vial Number: 13

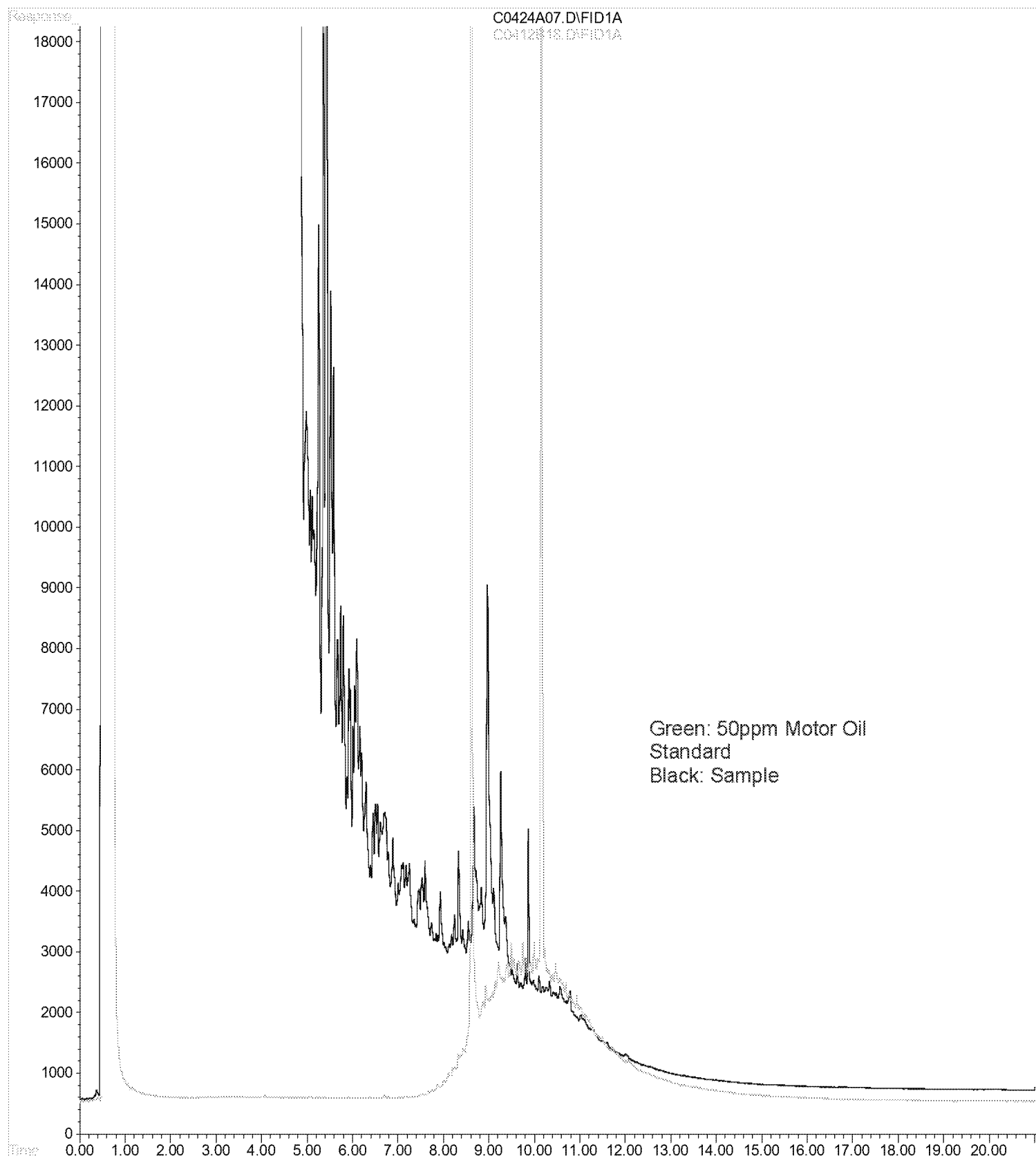
W-TB-1



File : D:\GC-03F~1\DATA\C190424A\C0424A07.D
Operator : MDM/LRR
Acquired : 24 Apr 2019 1:03 pm using AcqMethod ACQ8015.M
Instrument : GC-03
Sample Name : ,N035228-001C,SAMP, Client Sample ID: W-TB-1
Misc Info : ,100,73511,WATER,0.05>1ML,
Vial Number: 6

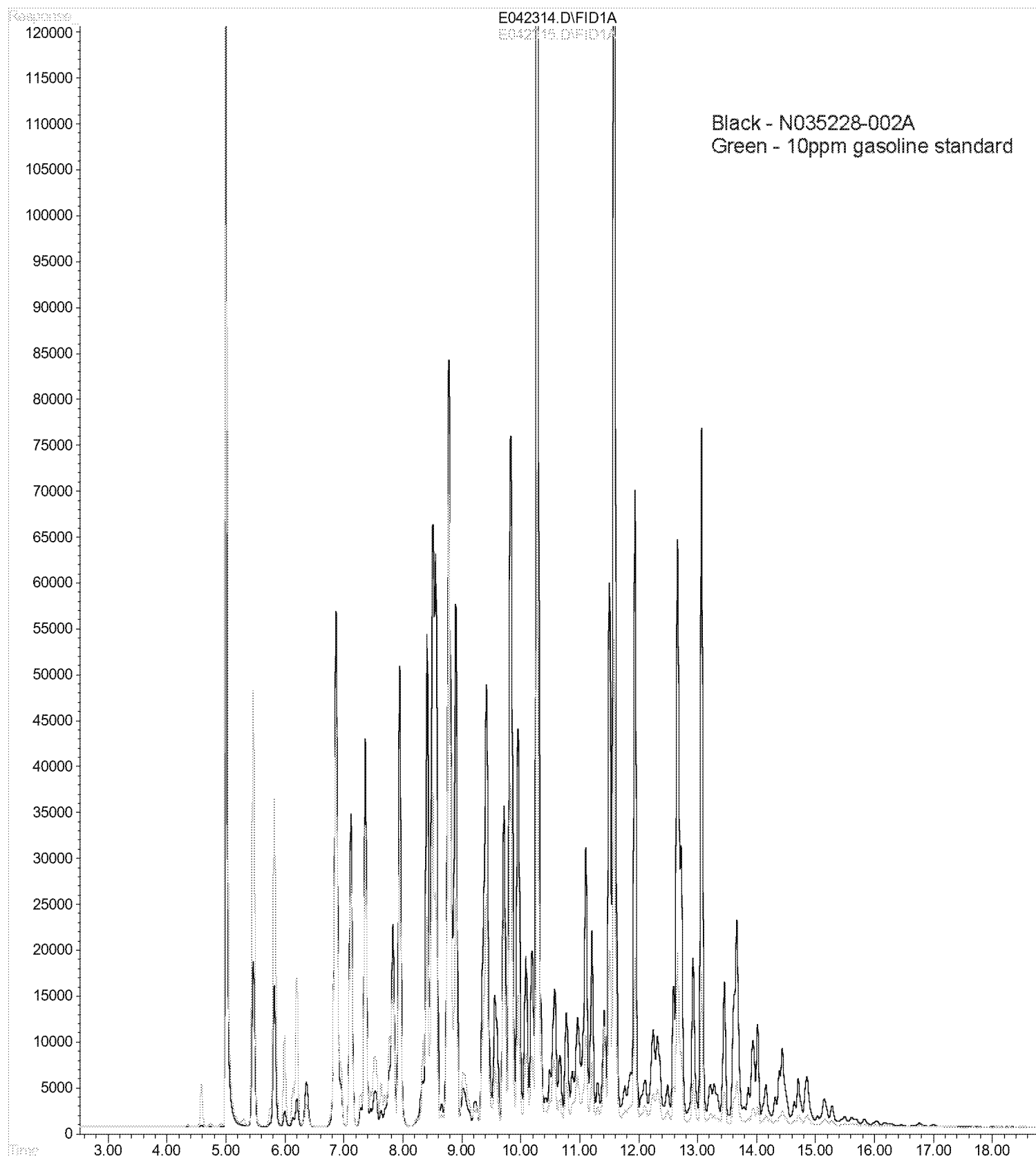


File : D:\GC-03F~1\DATA\C190424A\C0424A07.D
Operator : MDM/LRR
Acquired : 24 Apr 2019 1:03 pm using AcqMethod ACQ8015.M
Instrument : GC-03
Sample Name: ,N035228-001C,SAMP, Client Sample ID: W-TB-1
Misc Info : ,100,73511,WATER,0.05>1ML,
Vial Number: 6

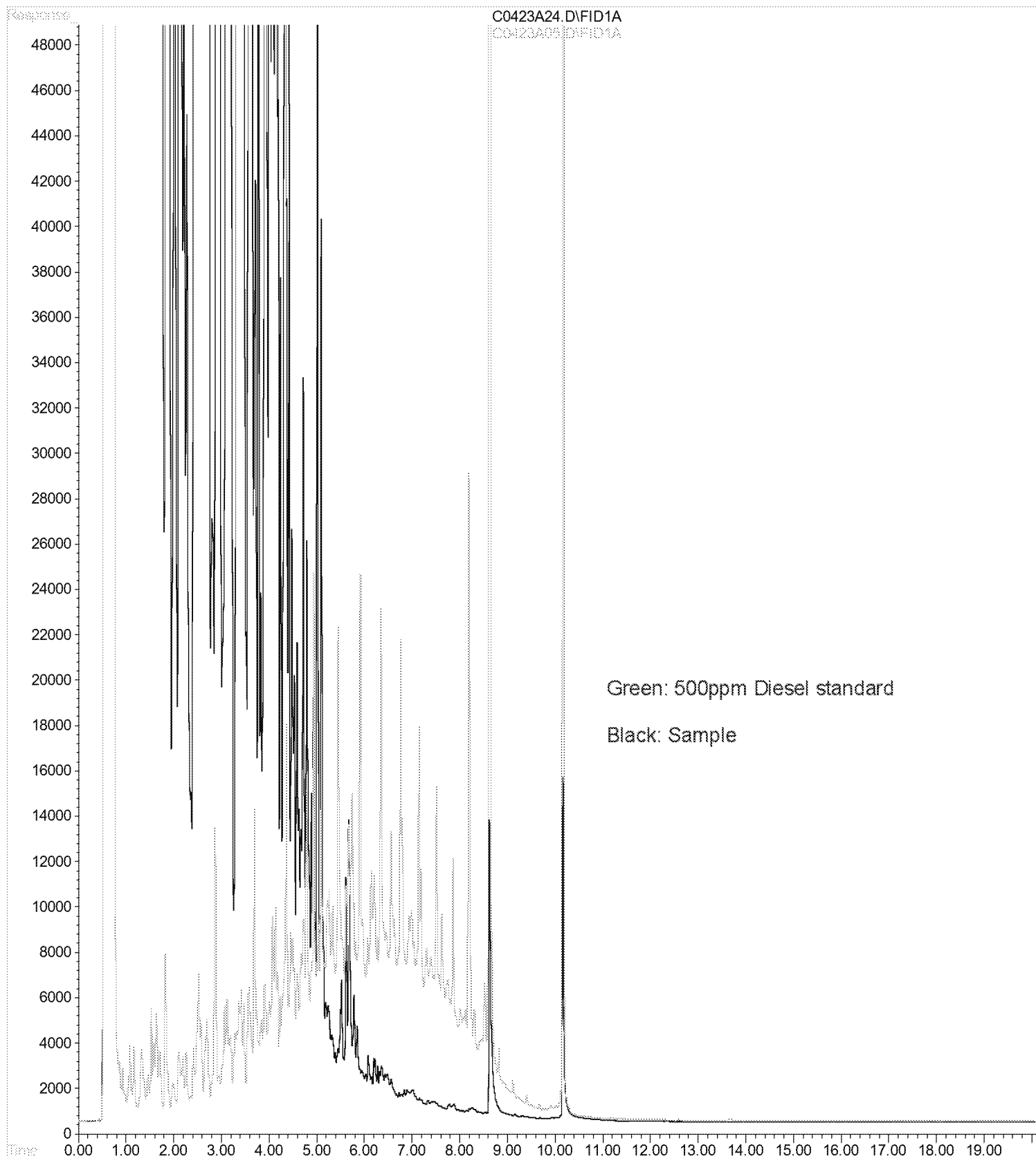


File : D:\DATA\3\E190423\E042314.D
Operator : QBM
Acquired : 23 Apr 2019 1:44 pm using AcqMethod N2_ACQ.M
Instrument : GC GAS
Sample Name: ,N035228-002A,SAMP,
Misc Info : ,50000,E19VS066,1uL(1g>10mL),
Vial Number: 14

W-TB-2

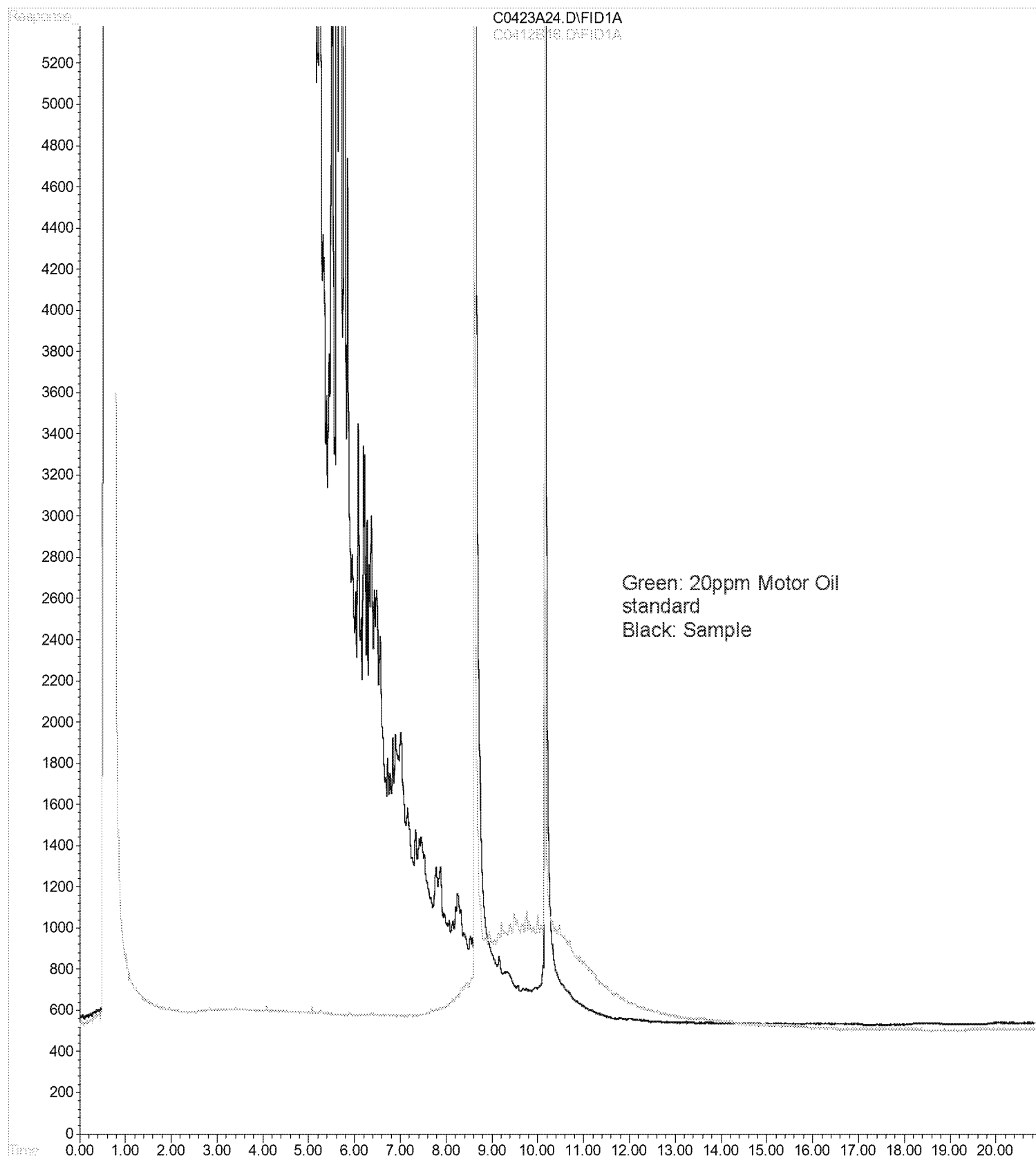


File : D:\GC-03F~1\DATA\C190423A\C0423A24.D
Operator : MDM/LRR
Acquired : 23 Apr 2019 9:58 pm using AcqMethod ACQ8015.M
Instrument : GC-03
Sample Name: ,N035228-002A,SAMP, Client Sample ID: W-TB-1
Misc Info : ,10,73526,LIQUID,0.1>1ML,
Vial Number: 19



File : D:\GC-03F~1\DATA\C190423A\C0423A24.D
Operator : MDM/LRR
Acquired : 23 Apr 2019 9:58 pm using AcqMethod ACQ8015.M
Instrument : GC-03
Sample Name : ,N035228-002A,SAMP,
Misc Info : ,10,73526,LIQUID,0.1>1ML,
Vial Number: 19

Client Sample ID: W-TB-2



Appendix G

Laboratory Reporting and Method Detection Limits

Detection Limit Matrix

			ASSET Proposed Limit		
Pollutant	Minimum Level in mg/kg	Method	MDL, mg/kg	RL, mg/kg	Comment
Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	0.0170548	EPA 8260B	0.000765	0.005	
1,1,1-Trichloroethane	7.0360298	EPA 8260B	0.000766	0.005	
1,1,2,2-Tetrachloroethane	0.0180453	EPA 8260B	0.000675	0.005	
1,1,2-Trichloroethane	0.0762028	EPA 8260B	0.000774	0.005	
1,1-Dichloroethane	0.2009991	EPA 8260B	0.000939	0.005	
1,1-Dichloroethene	0.535407	EPA 8260B	0.000667	0.005	
1,2,3-Trichloropropane	0.0001068	EPA 8260B	0.000596	0.005	
1,2,4-Trichlorobenzene	1.205989	EPA 8260B	0.00098	0.005	
1,2-Dibromo-3-chloropropane	0.0005867	EPA 8260B	0.001334	0.01	
1,2-Dibromoethane	0.0005337	EPA 8260B	0.000634	0.005	
1,2-Dichlorobenzene	1.0487613	EPA 8260B	0.000548	0.005	
1,2-Dichloroethane	0.0069605	EPA 8260B	0.000579	0.005	
1,2-Dichloropropane	0.0646465	EPA 8260B	0.00049	0.005	
1,3-Dichlorobenzene	6	EPA 8260B	0.000582	0.005	
1,4-Dichlorobenzene	0.2013519	EPA 8260B	0.000633	0.005	
2-Butanone	6.1229581	EPA 8260B	0.0177	0.05	
4-Methyl-2-pentanone	0.3608931	EPA 8260B	0.00637	0.05	
Acetone	0.9234675	EPA 8260B	0.02665	0.05	
Benzene	0.0251673	EPA 8260B	0.000672	0.005	
Bromodichloromethane	0.0161438	EPA 8260B	0.000751	0.005	
Bromoform	0.6919277	EPA 8260B	0.001122	0.005	
Bromomethane	0.3596959	EPA 8260B	0.00086	0.005	
Carbon tetrachloride	0.010855	EPA 8260B	0.000796	0.005	
Chlorobenzene	1.4370943	EPA 8260B	0.000622	0.005	
Chloroethane	1.1505728	EPA 8260B	0.00393	0.005	
Chloroform	0.0228399	EPA 8260B	0.00077	0.005	
Chloromethane	10.655609	EPA 8260B	0.00132	0.005	
cis-1,2-Dichloroethene	0.1917874	EPA 8260B	0.000655	0.005	
Dibromochloromethane	0.3456426	EPA 8260B	0.000804	0.005	
Ethylbenzene	0.4338276	EPA 8260B	0.000633	0.005	
Hexachlorobutadiene	0.0280269	EPA 8260B	0.000572	0.005	
Methylene chloride	0.1191238	EPA 8260B	0.00448	0.005	
MTBE	0.0281623	EPA 8260B	0.000664	0.005	
Styrene	0.9176925	EPA 8260B	0.00196	0.005	
Tert-Butanol	0.0745777	EPA 8260B	0.00484	0.025	
Tetrachloroethene	0.0798991	EPA 8260B	0.000601	0.005	
Toluene	3.1654111	EPA 8260B	0.000717	0.005	
trans-1,2-Dichloroethene	0.6486166	EPA 8260B	0.000713	0.005	
Trichloroethene	0.0846627	EPA 8260B	0.000726	0.005	
Vinyl chloride	0.0015143	EPA 8260B	0.000585	0.005	
Xylenes, Total	2.0807056	EPA 8260B	0.000136	0.015	
TPH 8015B					
Petroleum - Diesel	255.04258	EPA 8015B	2.89	10	
Petroleum - Motor Oil	1600	EPA 8015B	1.8	10	
Petroleum - Jet Fuel	100	EPA 8015B	10	10	
Petroleum - Gasoline	100	EPA 8015B	0.199	1	



714-449-9937 | 11007 FOREST PLACE
 562-646-1611 | SANTA FE SPRINGS, CA 90670
 805-399-0060 | WWW.JONESENV.COM

EPA 8260B - ANALYSIS OF VOCS BY GC/MS

Low Level Soil Gas Reporting Limits and Method Detection Limits (F Lab)

Analytes:	<u>RL</u>	<u>MDL</u>			<u>RL</u>	<u>MDL</u>	
Benzene	4	2	µg/m3	Ethylbenzene	4	1	µg/m3
Bromobenzene	4	2	µg/m3	Freon 113	4	2	µg/m3
Bromodichloromethane	4	3	µg/m3	Hexachlorobutadiene	4	2	µg/m3
Bromoform	4	2	µg/m3	Isopropylbenzene	4	2	µg/m3
n-Butylbenzene	4	1	µg/m3	4-Isopropyltoluene	4	2	µg/m3
sec-Butylbenzene	4	1	µg/m3	Methylene chloride	4	3	µg/m3
tert-Butylbenzene	4	2	µg/m3	Naphthalene	4	1	µg/m3
Carbon tetrachloride	4	2	µg/m3	n-Propylbenzene	4	2	µg/m3
Chlorobenzene	4	2	µg/m3	Styrene	4	1	µg/m3
Chloroform	4	2	µg/m3	1,1,1,2-Tetrachloroethane	4	2	µg/m3
2-Chlorotoluene	4	2	µg/m3	1,1,2,2-Tetrachloroethane	4	3	µg/m3
4-Chlorotoluene	4	2	µg/m3	Tetrachloroethene	4	2	µg/m3
Dibromochloromethane	4	2	µg/m3	Toluene	4	2	µg/m3
1,2-Dibromo-3-chloropropane	4	4	µg/m3	1,2,3-Trichlorobenzene	4	2	µg/m3
1,2-Dibromoethane (EDB)	4	2	µg/m3	1,2,4-Trichlorobenzene	4	2	µg/m3
Dibromomethane	4	3	µg/m3	1,1,1-Trichloroethane	4	3	µg/m3
1,2- Dichlorobenzene	4	2	µg/m3	1,1,2-Trichloroethane	4	2	µg/m3
1,3-Dichlorobenzene	4	2	µg/m3	Trichloroethene	4	2	µg/m3
1,4-Dichlorobenzene	4	1	µg/m3	Trichlorofluoromethane	4	3	µg/m3
Dichlorodifluoromethane	4	1	µg/m3	1,2,3-Trichloropropane	4	2	µg/m3
1,1-Dichloroethane	4	2	µg/m3	1,2,4-Trimethylbenzene	4	1	µg/m3
1,2-Dichloroethane	4	3	µg/m3	1,3,5-Trimethylbenzene	4	2	µg/m3
1,1-Dichloroethene	4	2	µg/m3	Vinyl chloride	4	1	µg/m3
cis-1,2-Dichloroethene	4	2	µg/m3	m,p-Xylene	8	3	µg/m3
trans-1,2-Dichloroethene	4	2	µg/m3	o-Xylene	4	1	µg/m3
1,2-Dichloropropane	4	2	µg/m3	MTBE	4	2	µg/m3
1,3-Dichloropropane	4	2	µg/m3	Ethyl-tert-butylether	4	2	µg/m3
2,2-Dichloropropane	4	2	µg/m3	Di-isopropylether	4	2	µg/m3
1,1-Dichloropropene	4	4	µg/m3	tert-amylmethylether	4	1	µg/m3
cis-1,3-Dichloropropene	4	1	µg/m3	tert-Butylalcohol	21	21	µg/m3
trans-1,3-Dichloropropene	4	2	µg/m3				